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FIG. 1A

# Cell-Specific Adenovirus

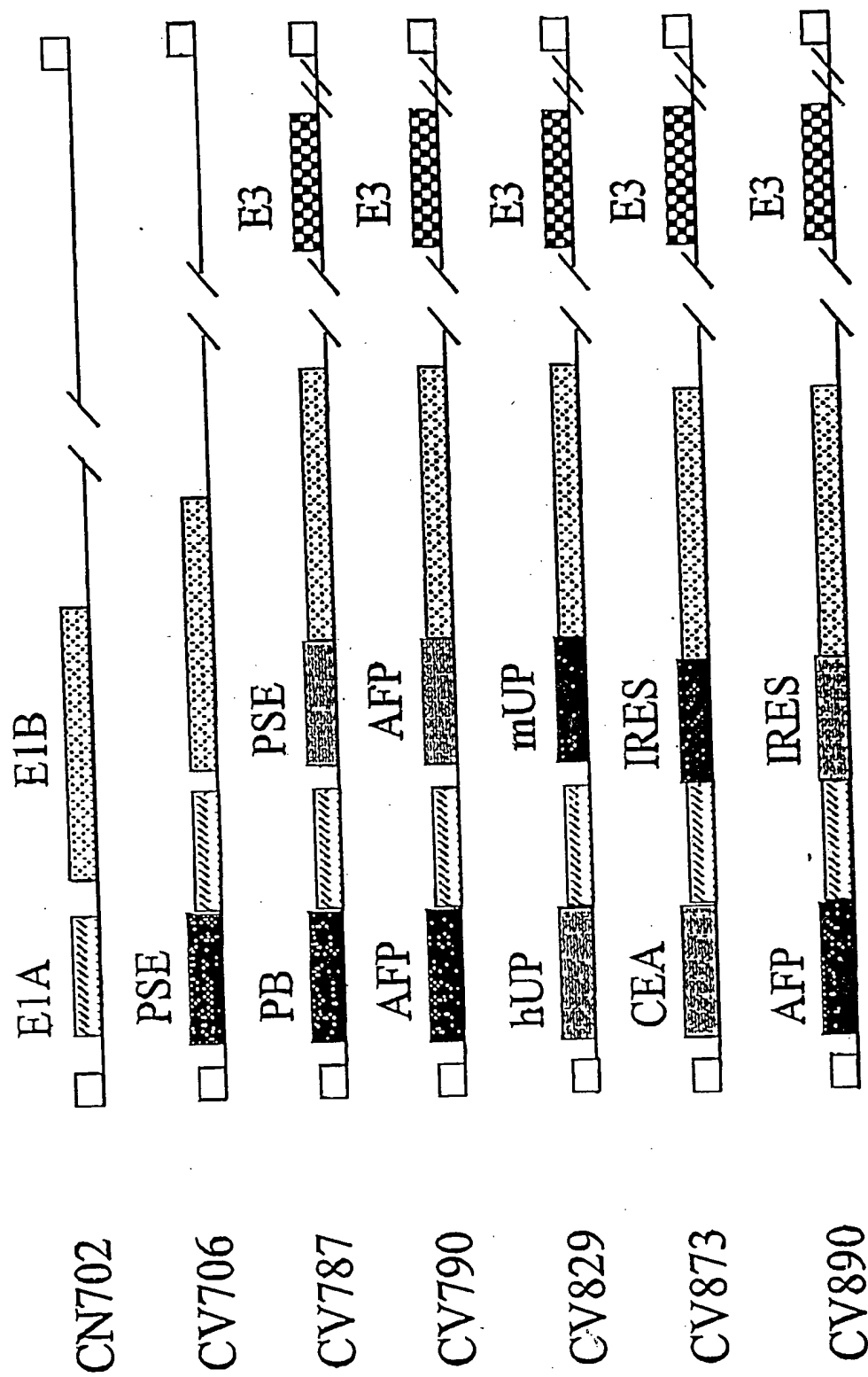
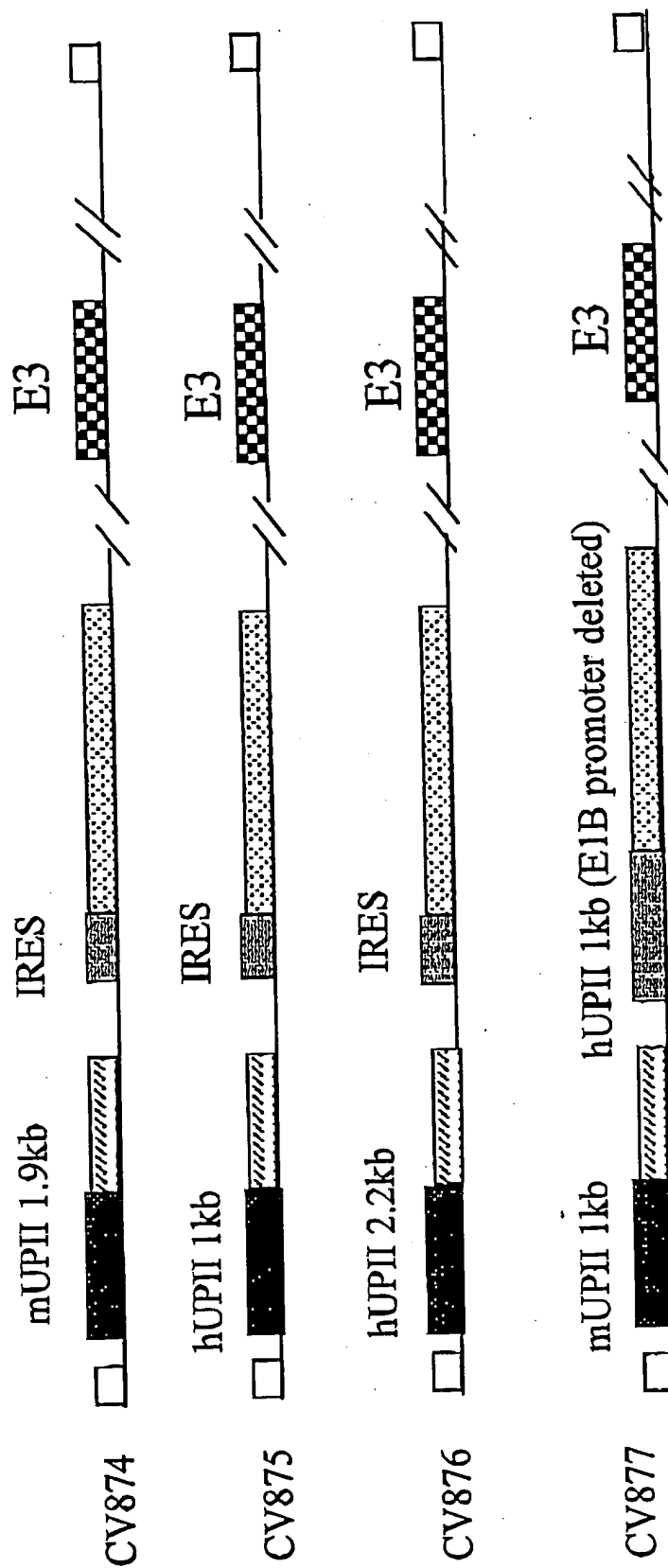


FIG. 1B



# Taxol (0.625 nM) + CV787 (MOI=0.01)

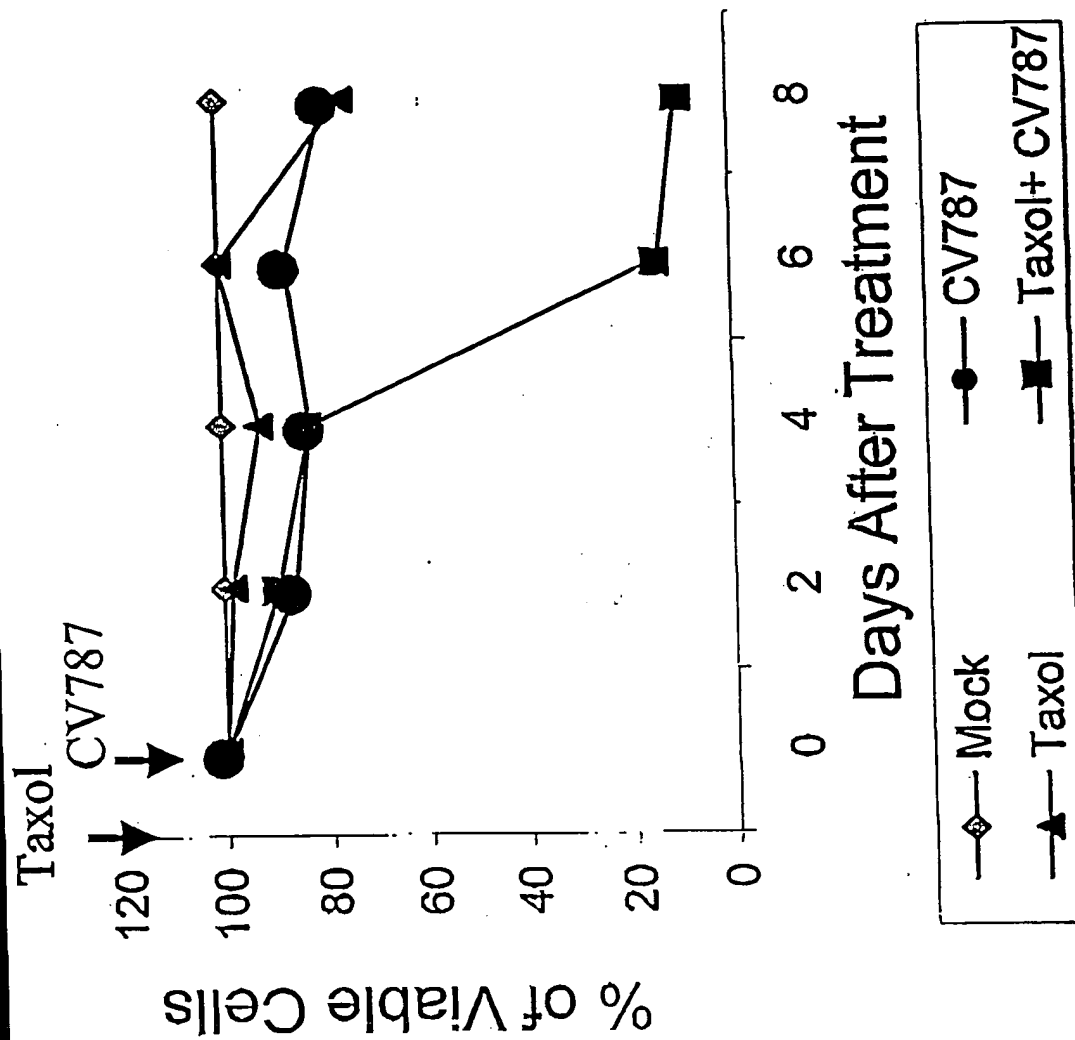


FIG. 3

FIG. 3 shows the effect of Taxotere (3.12 nM) + CV787 (moi=0.01) on cell viability over 10 days.

Taxotere(3.12 nM) +  
CV787(moi=0.01)

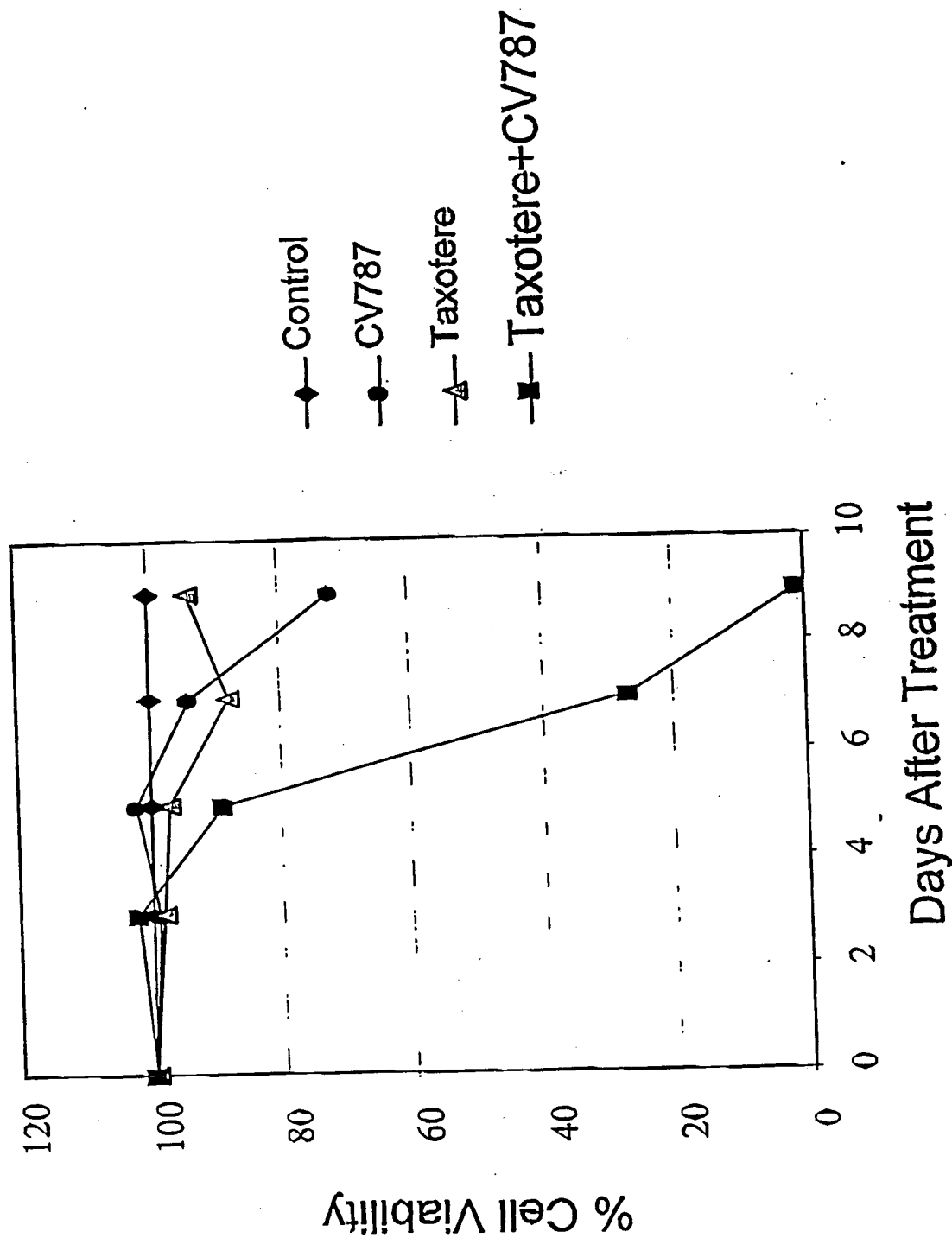


FIG. 4

CV787 (moi=0.01) + Taxotere (3.12 nM)

CV787(moi=0.01) +  
Taxotere(3.12 nM)

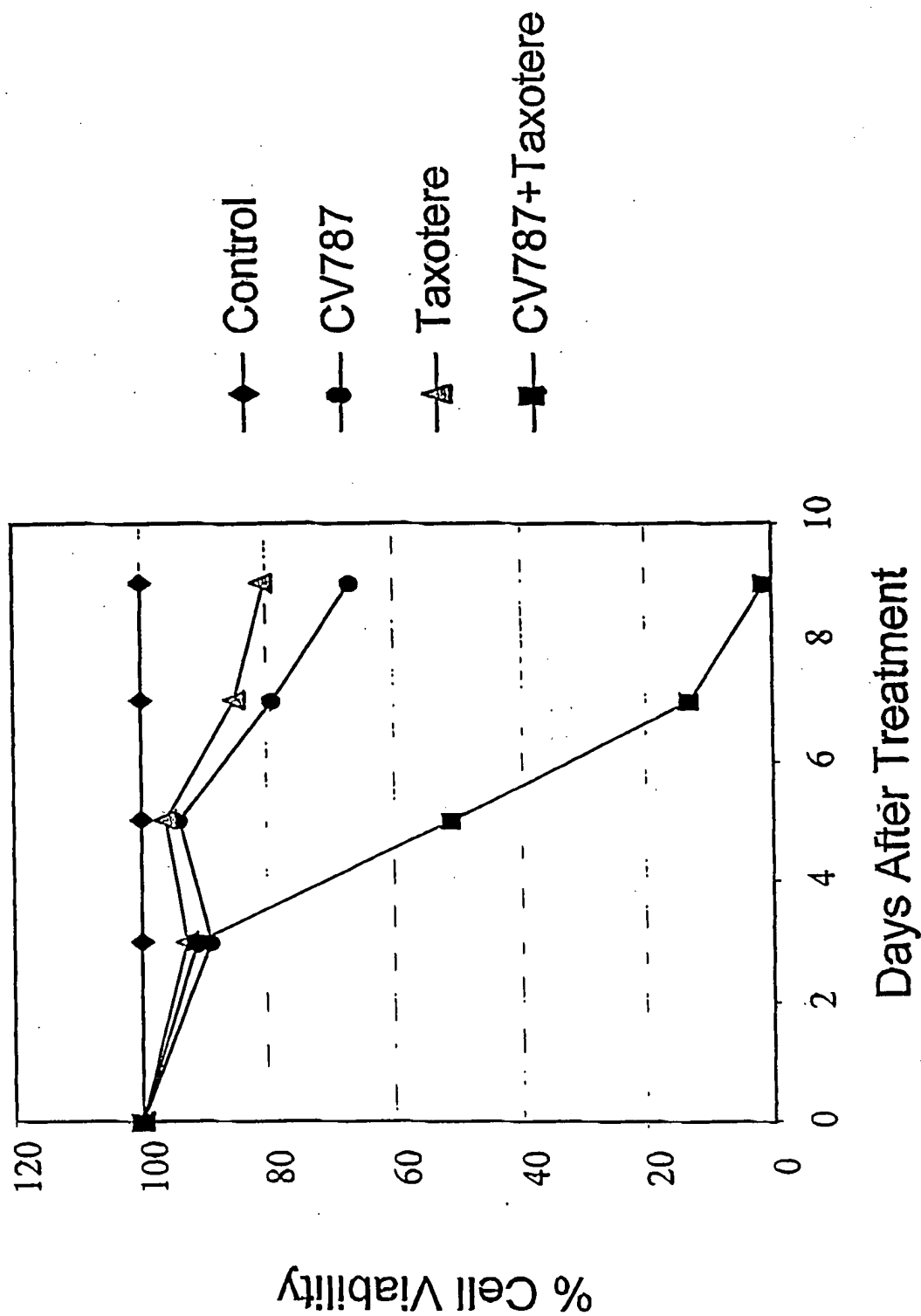
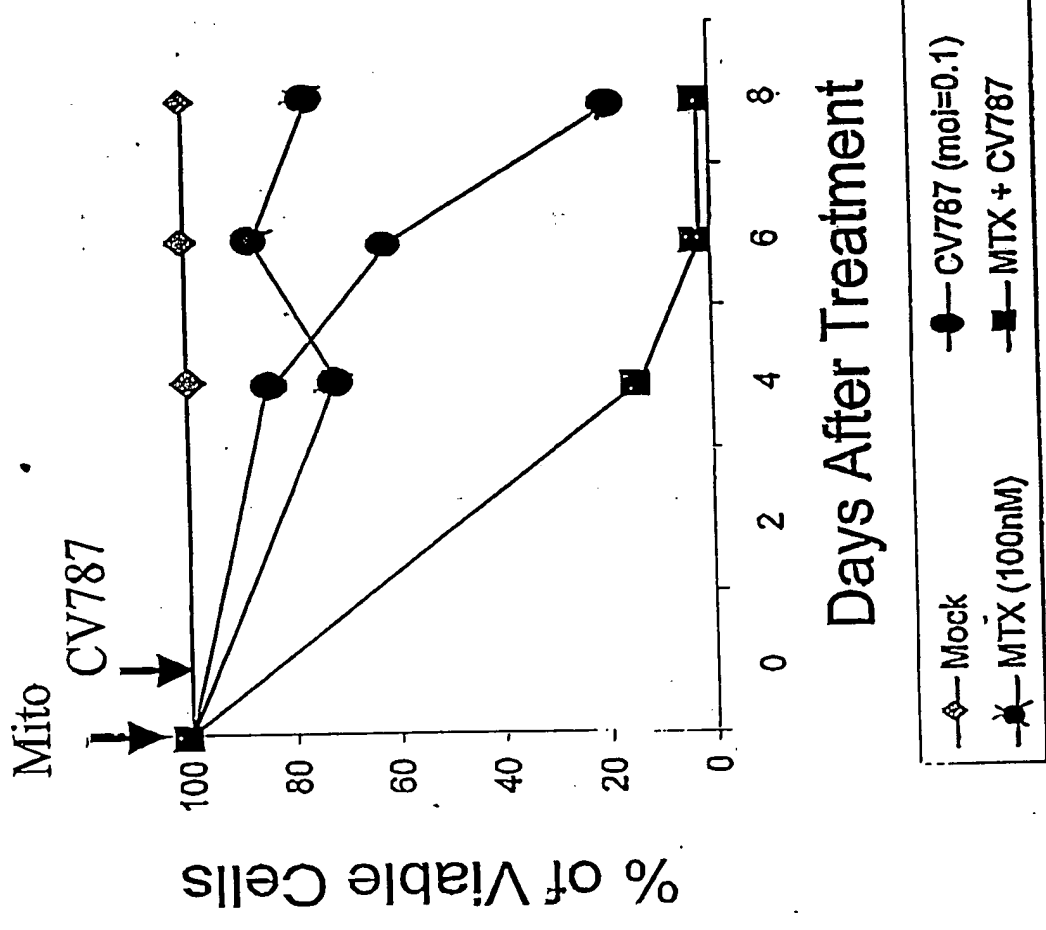
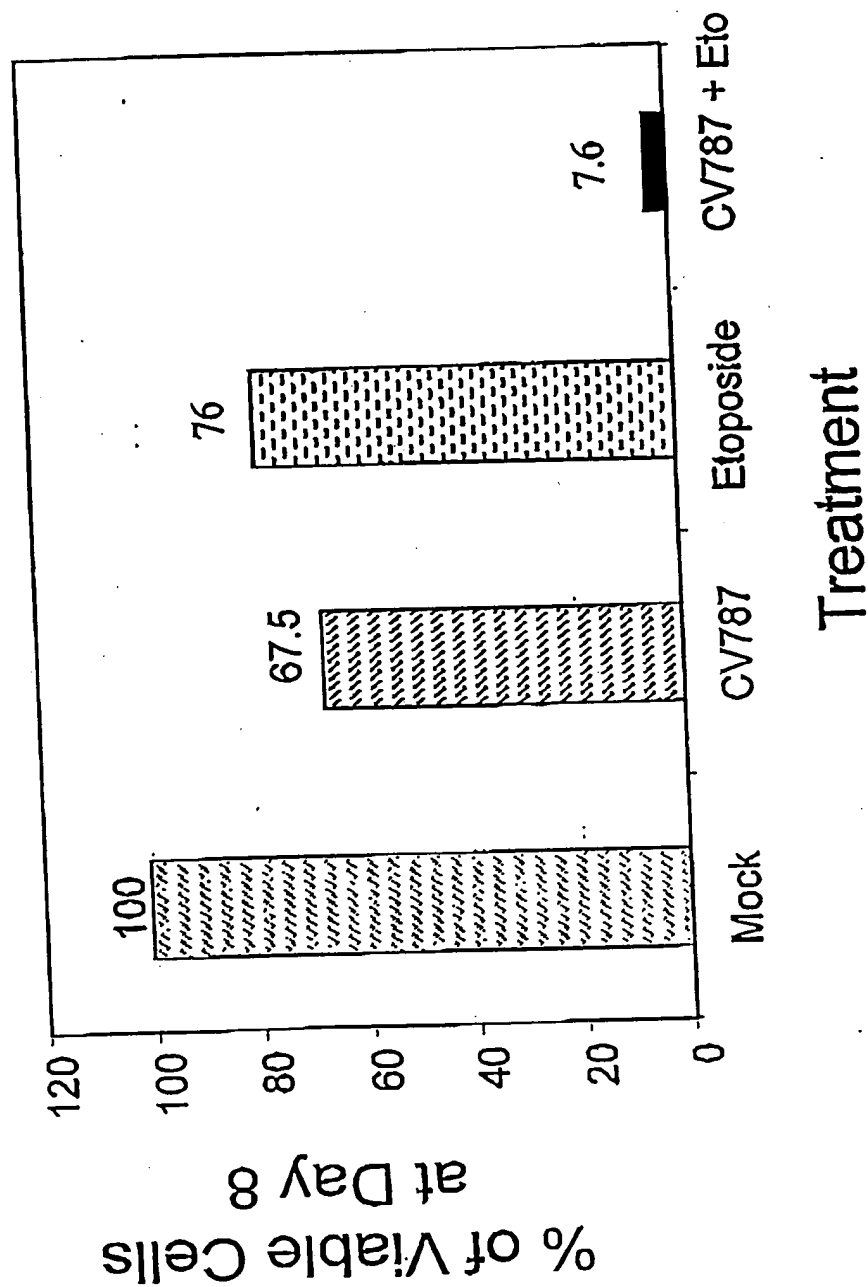


FIG. 5

Mitoxantrone (100 nM) + CV787 (moi=0.1)



Etoposide (500 ng/ml) + CV787 (moi=0.01)





# CV787 (moi=0.01) + Doxorubicin (50 ng/ml)

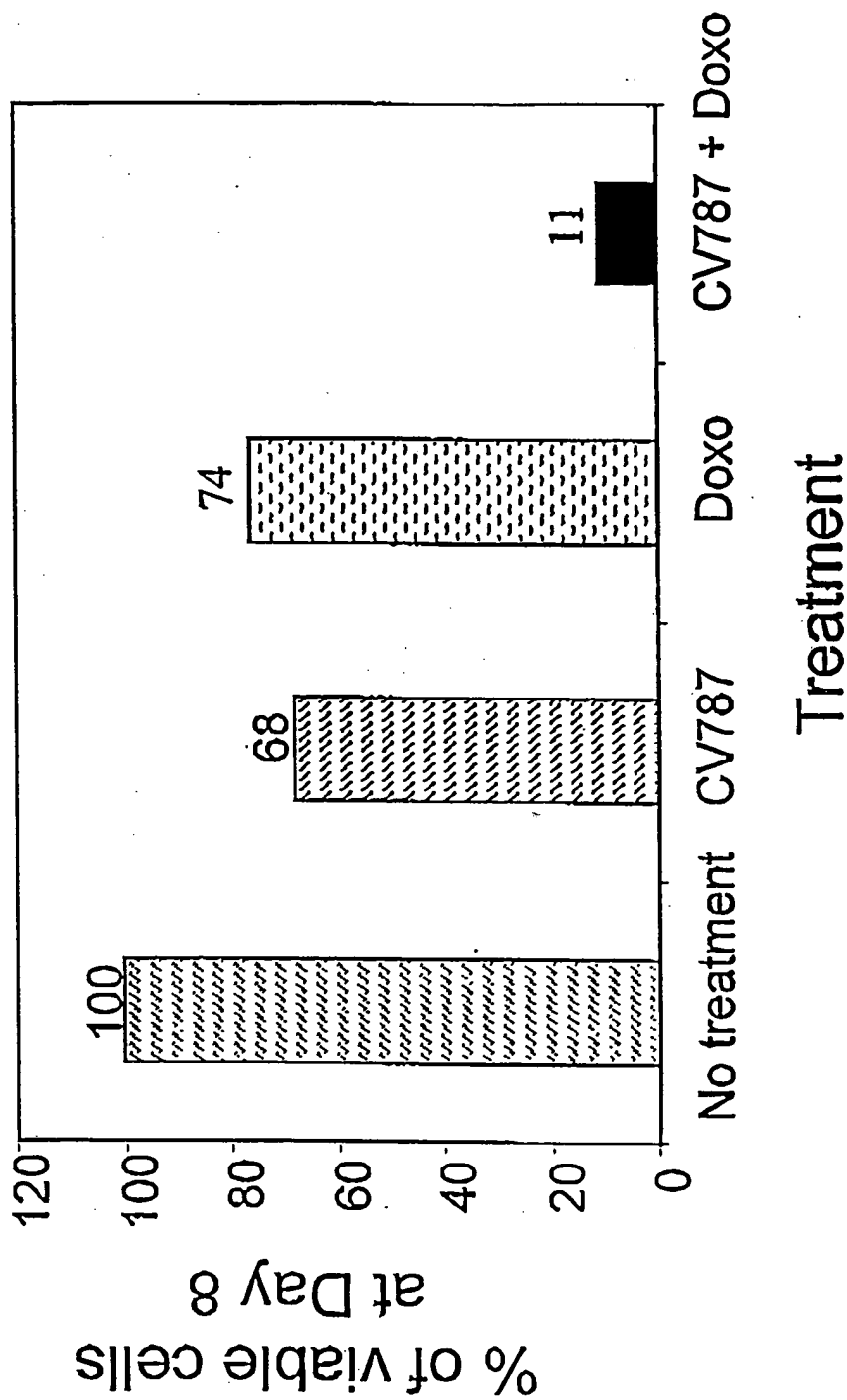
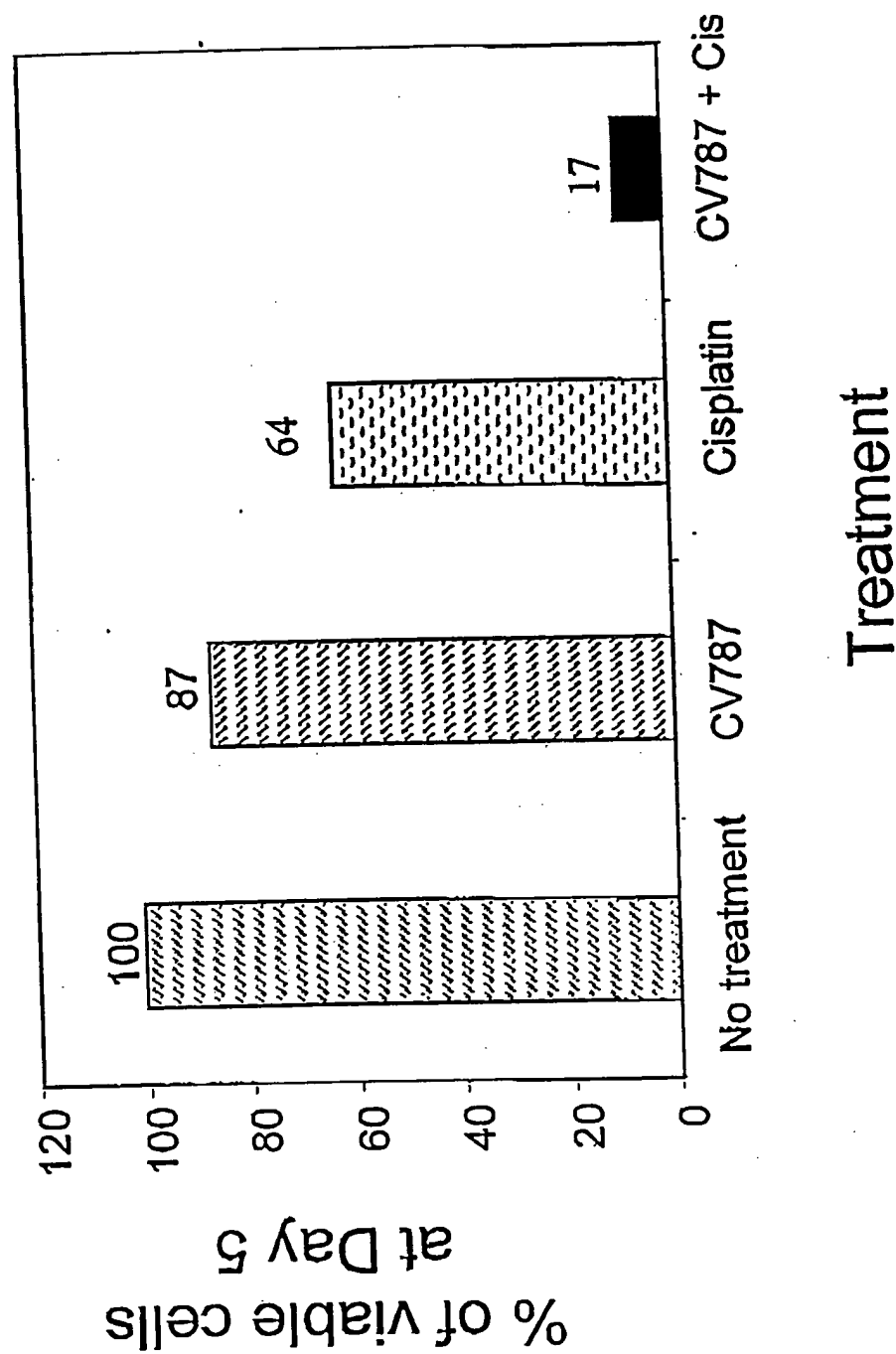
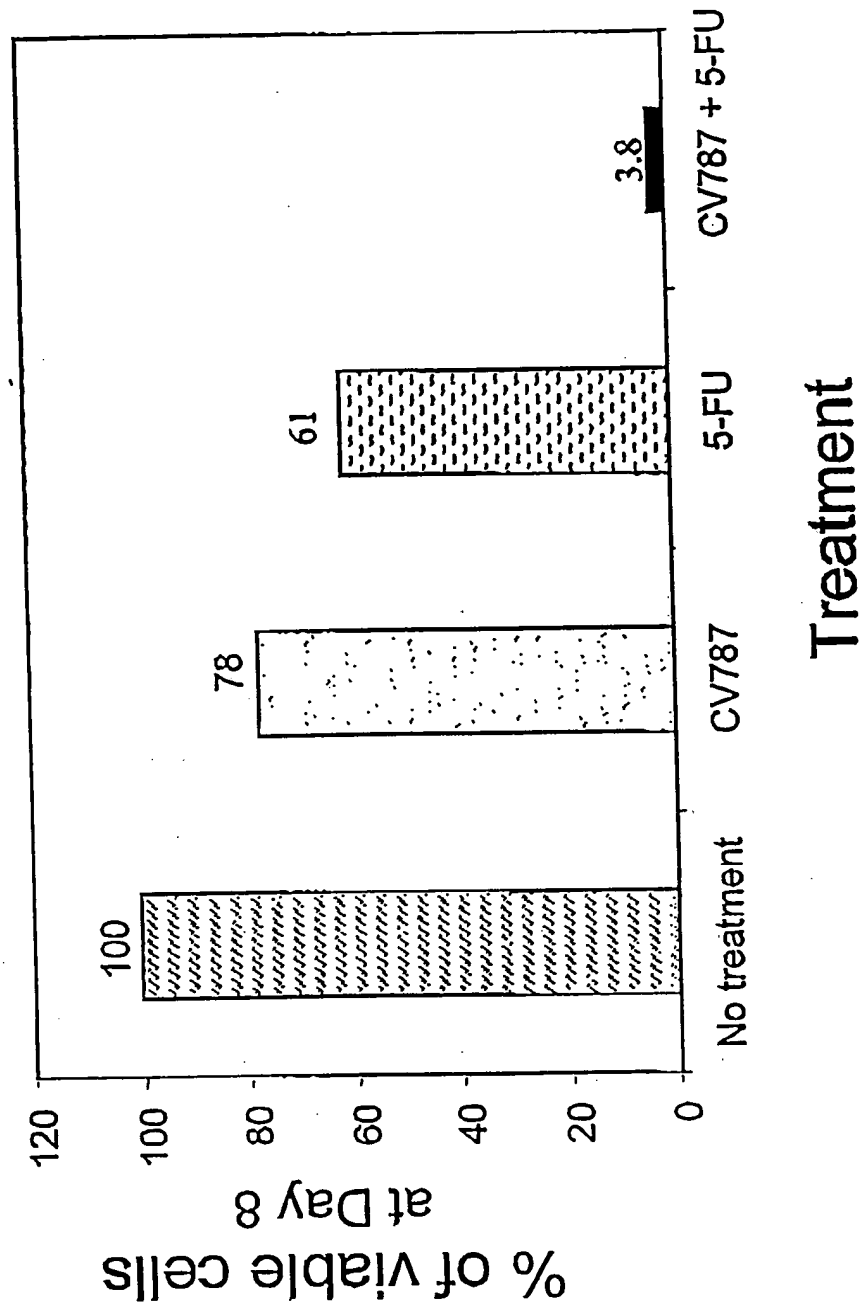


FIG. 8

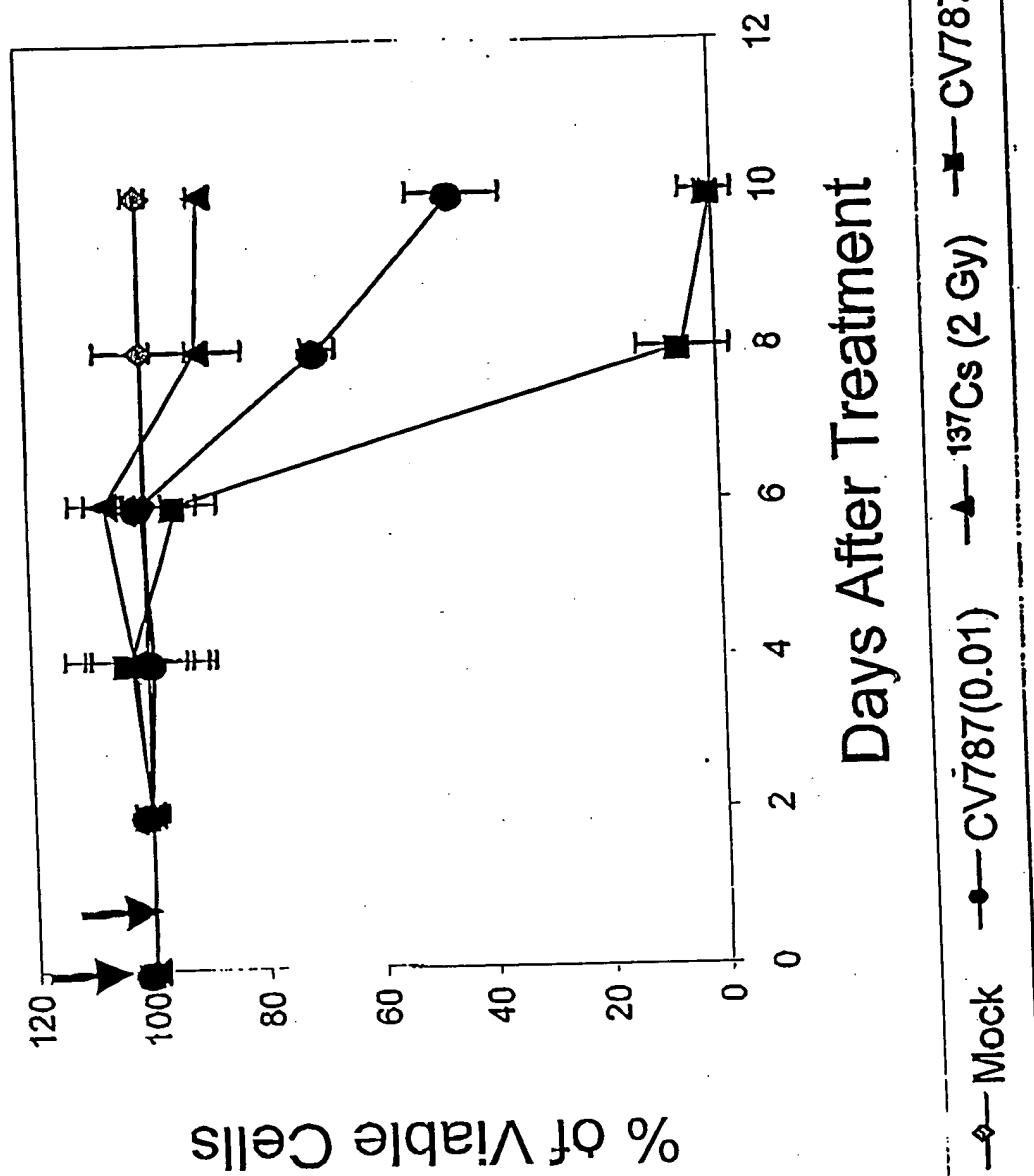
Cisplatin (8.25  $\mu$ M) + CV787 (moi=0.1)



# 5-Fluorouracil (35 $\mu$ M) + CV787 (moi=0.01)



# CV787 (moi=0.01) + <sup>137</sup>Cs (2 Gy)



# Virus Yield (LNCaP)

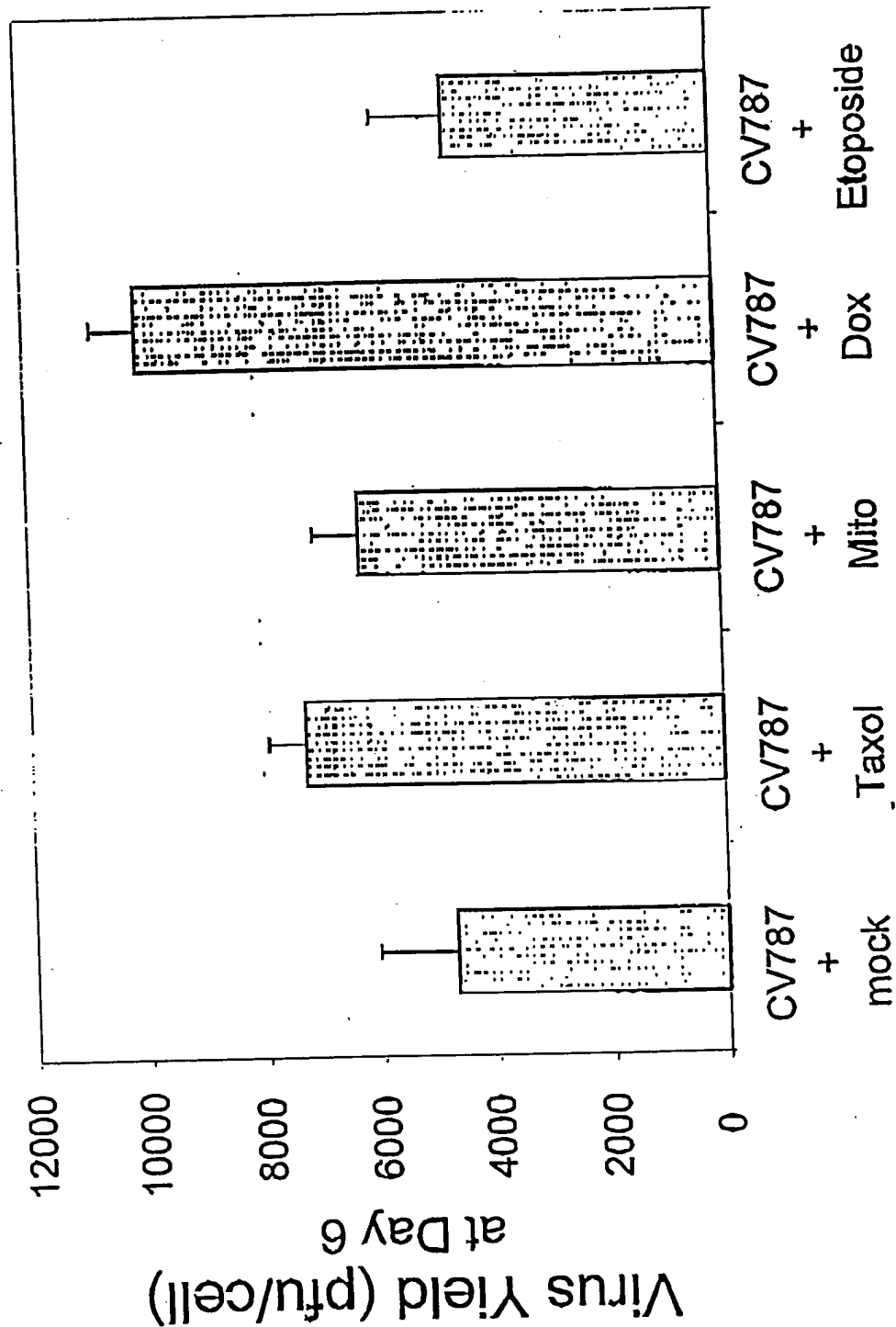
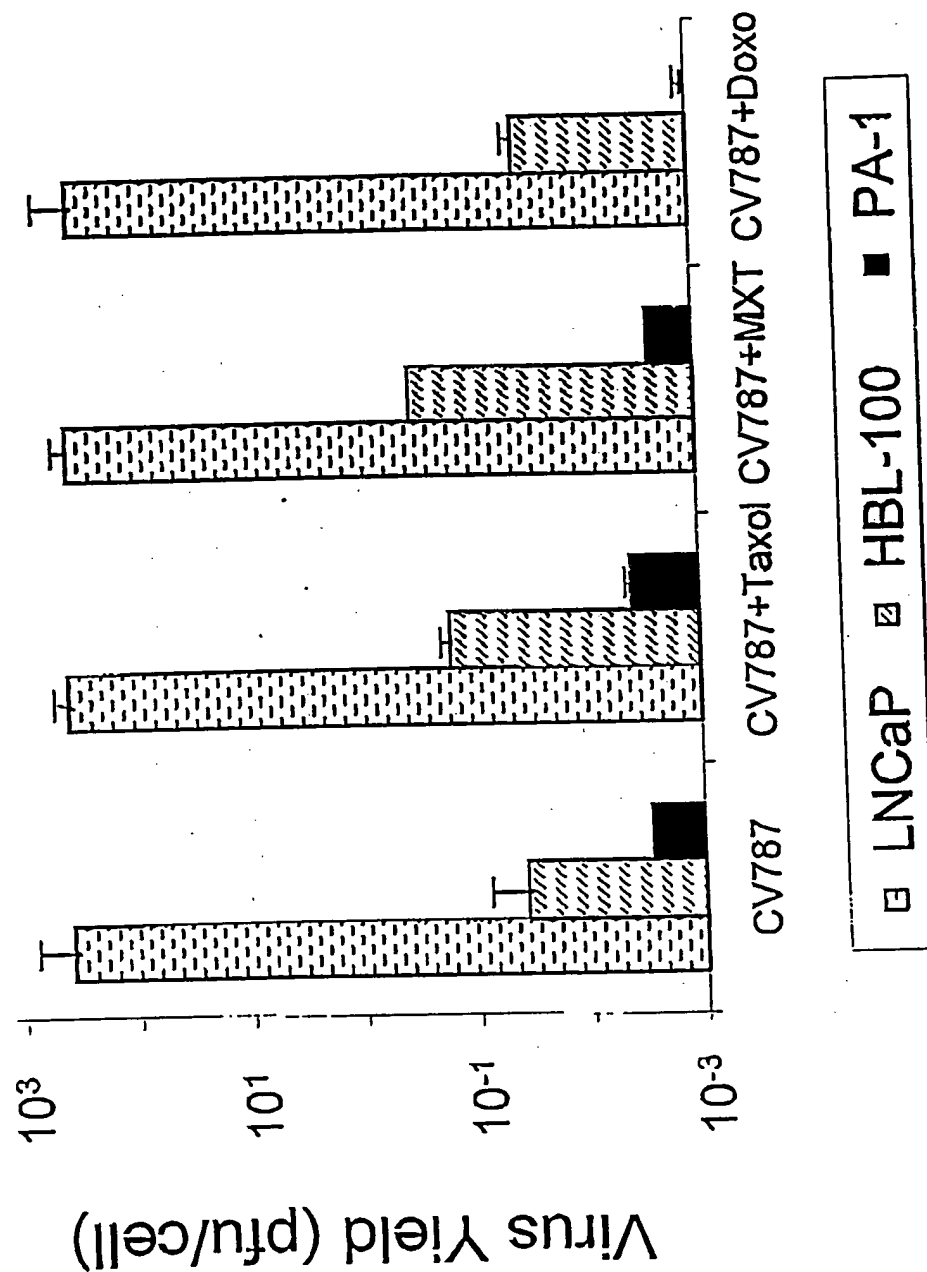


FIG. 12

## Virus Yield



# Taxol Does not Alter CV787's Specificity

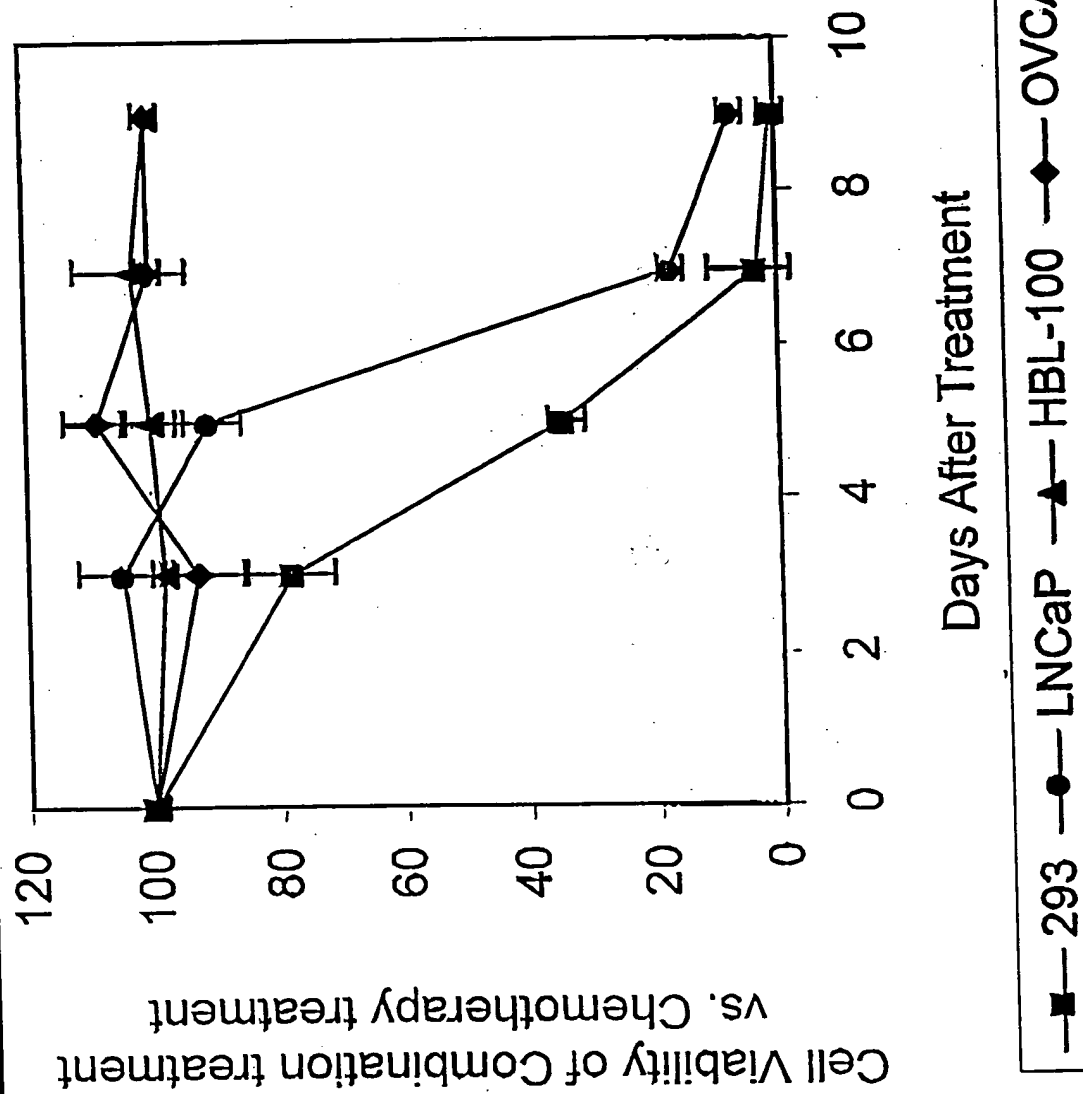
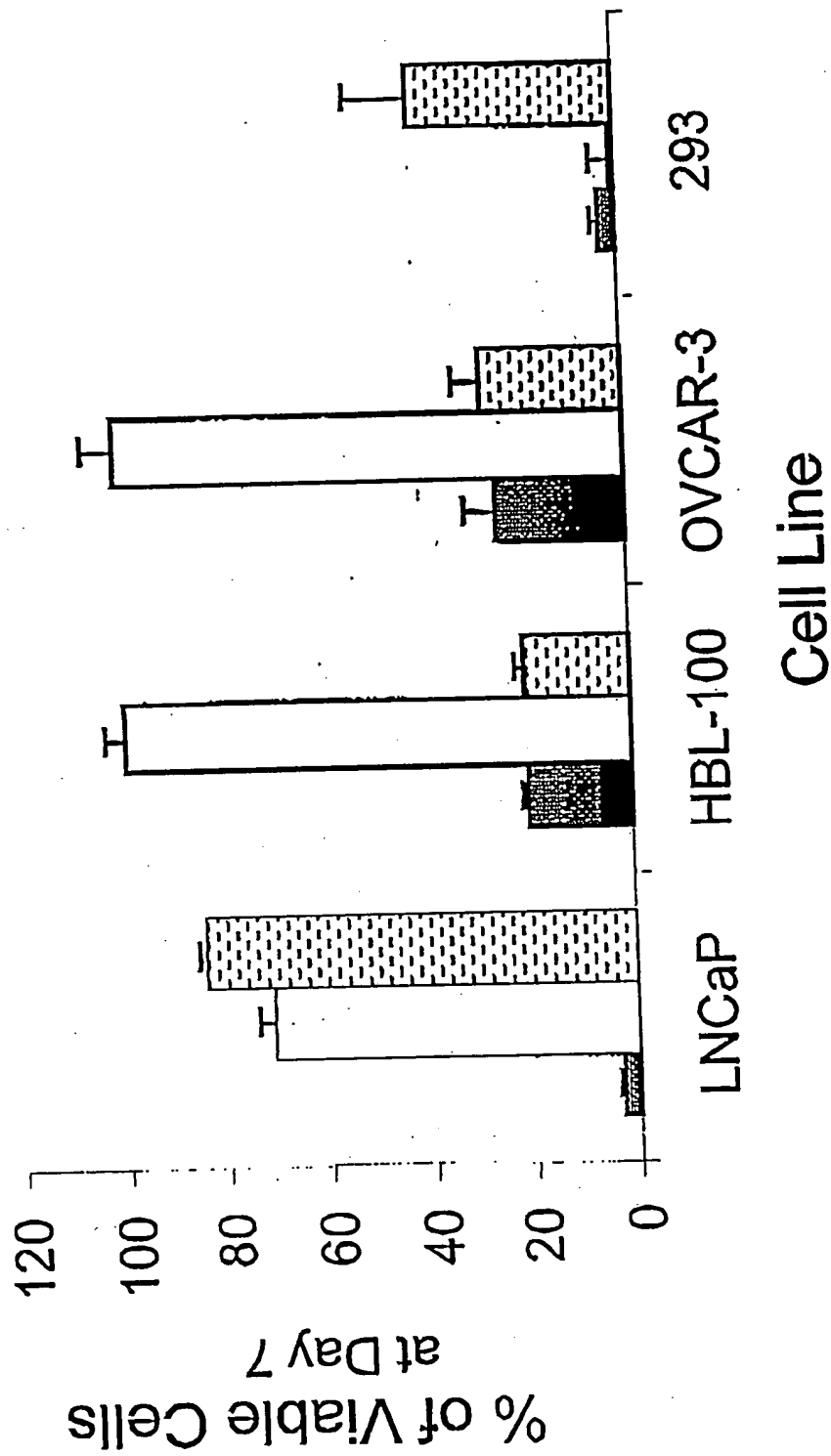


FIG. 14

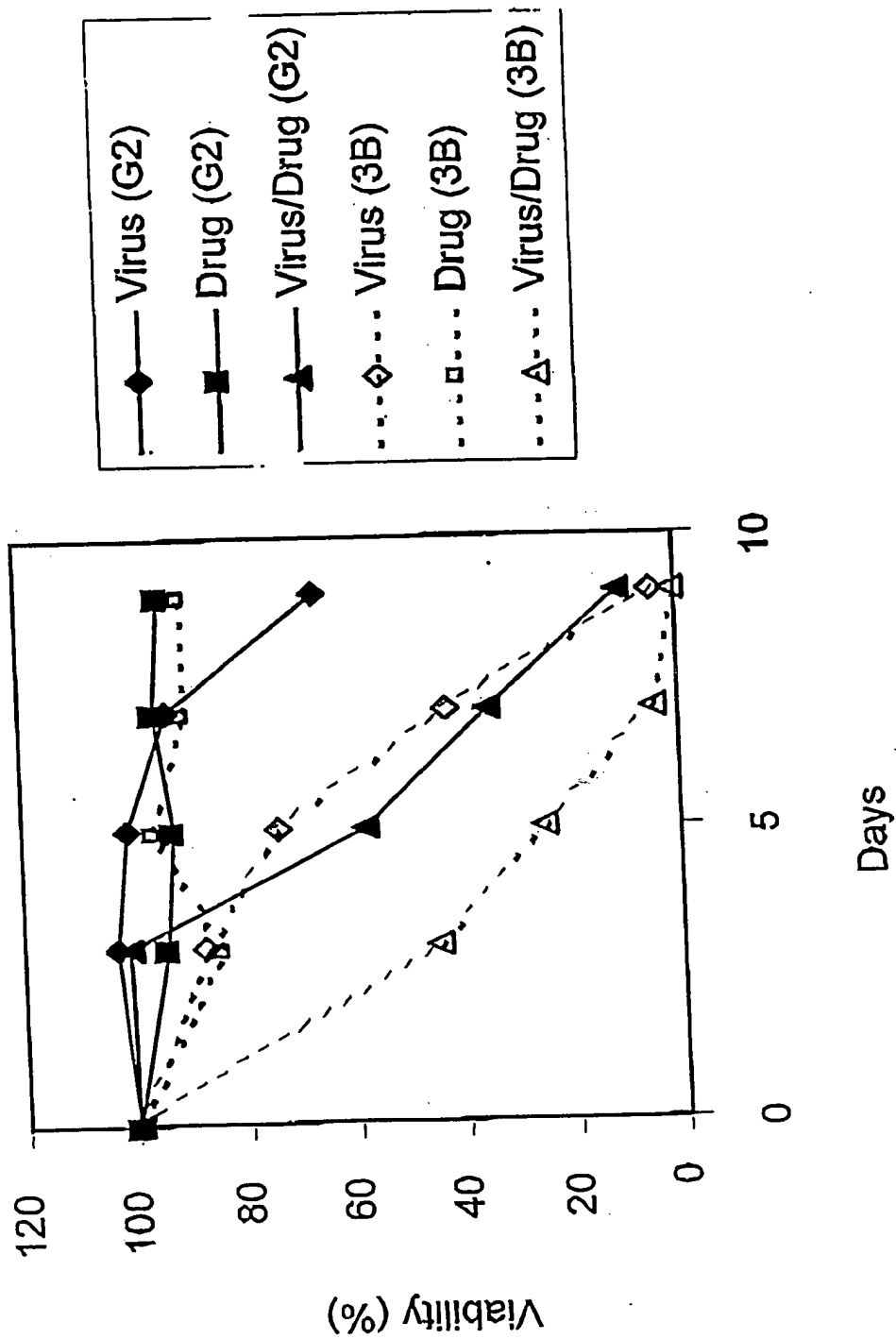
# Specificity of CV787 + Mitoxantrone



■ CV787 + MTX □ CV787(moi:0.1) ▨ MTX (100nM)



CV790 0.01moi/Doxorubicin 10ng/ml



10ng/ml Doxorubicin first,  
then 0.01 MOI CV790

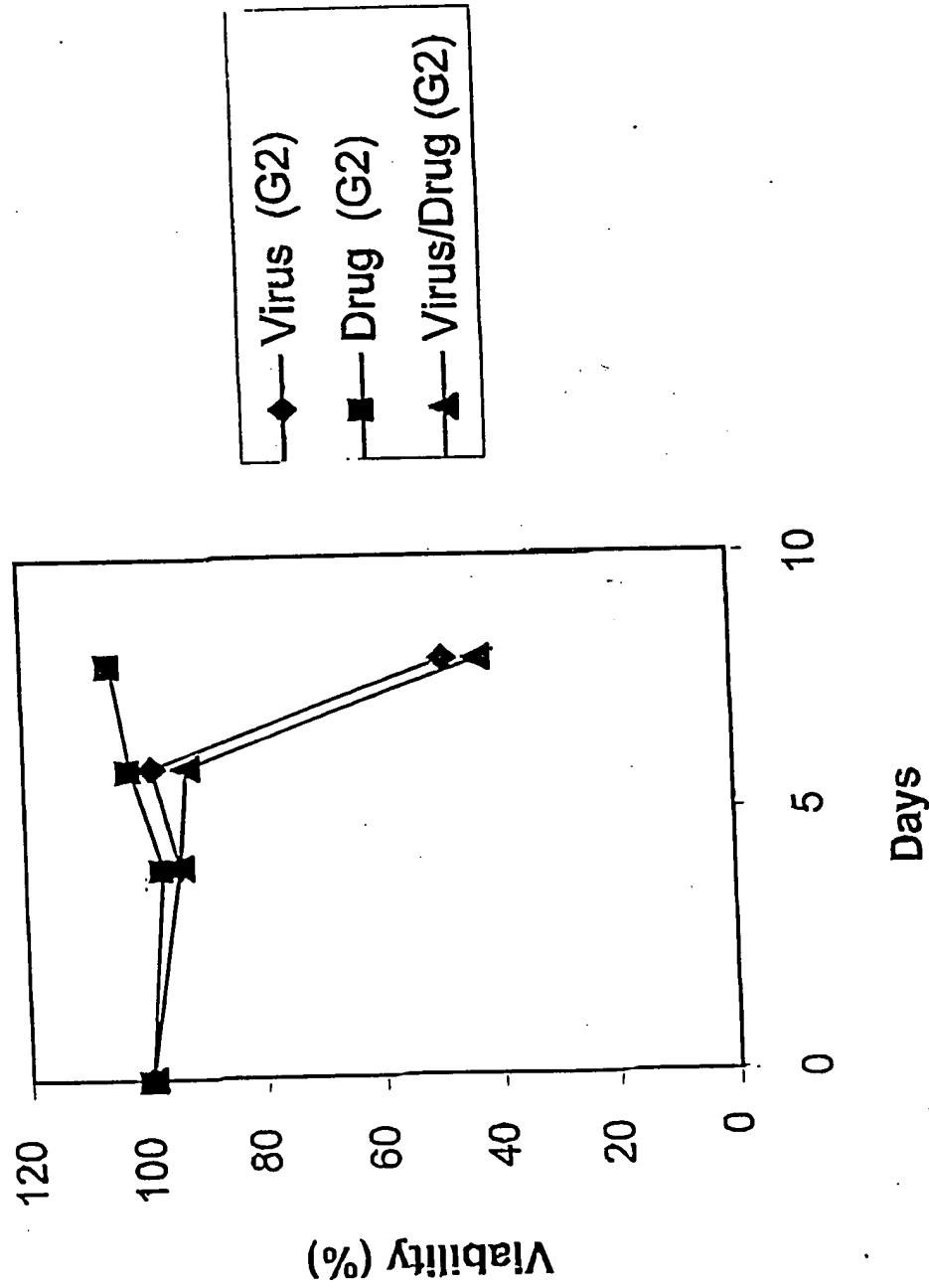


FIG. 17

0.01 MOI CV790 and  
10ng/ml Doxorubicin together

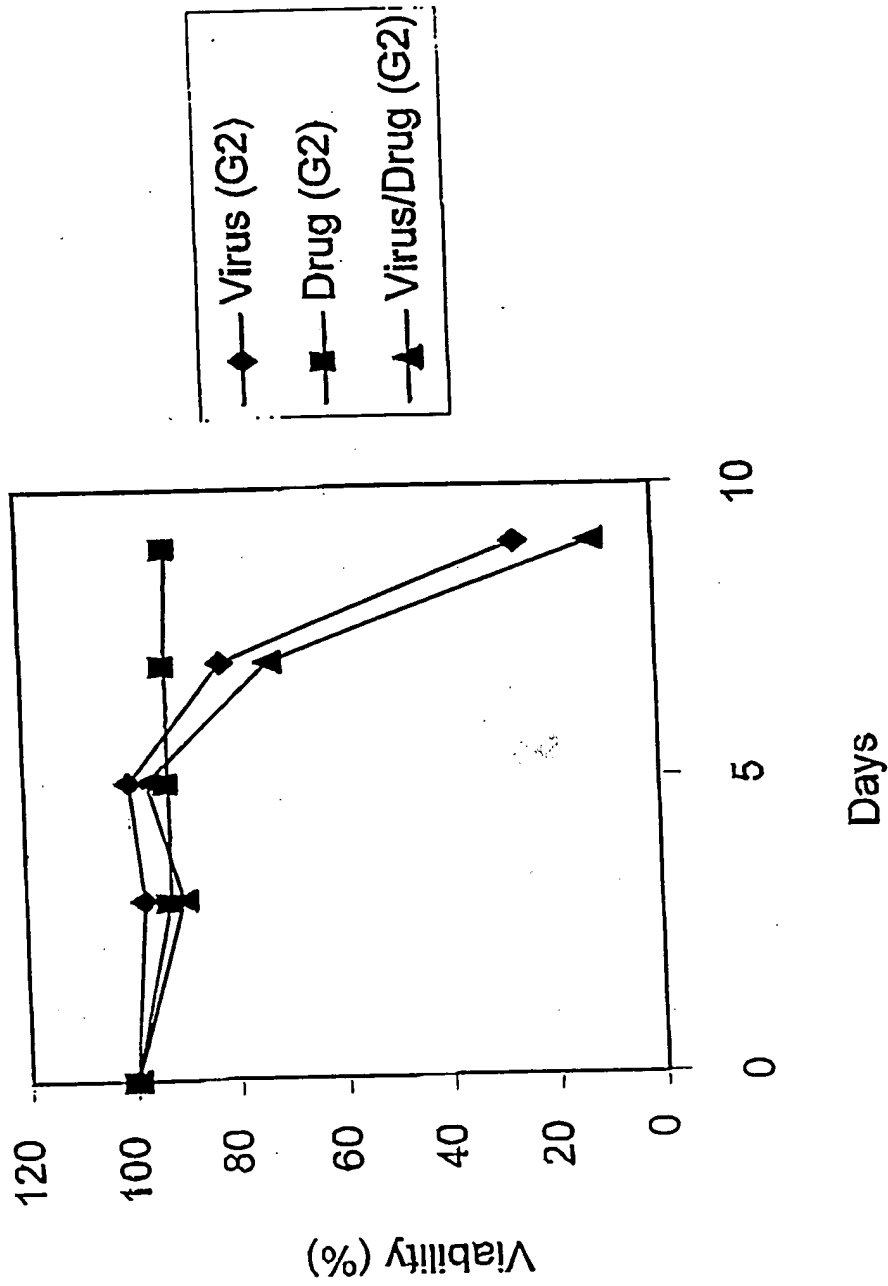
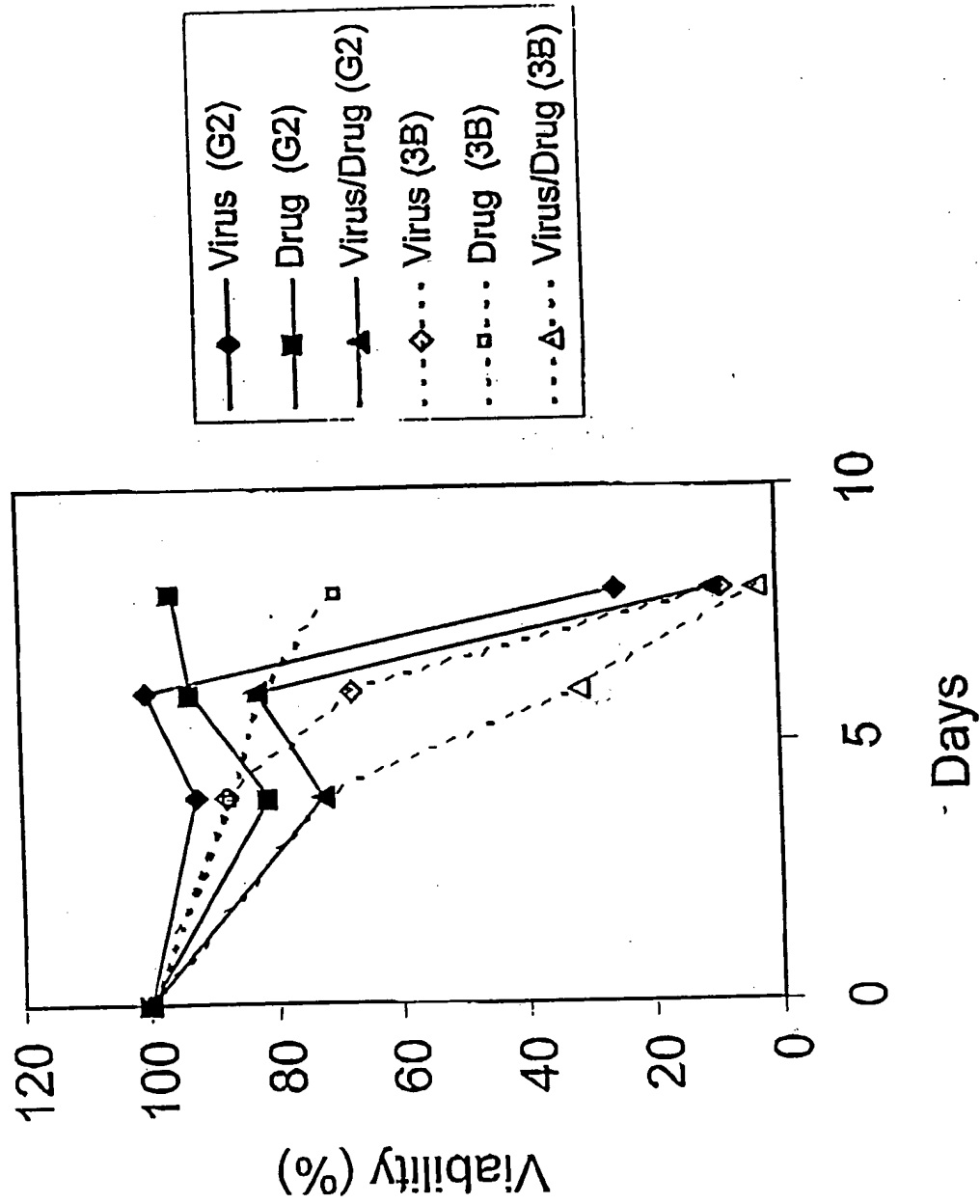


FIG. 18

CV790 0.1 moi/Cisplatin 1ug/ml



CV790 0.1moi/Taxol 0.5ng/ml

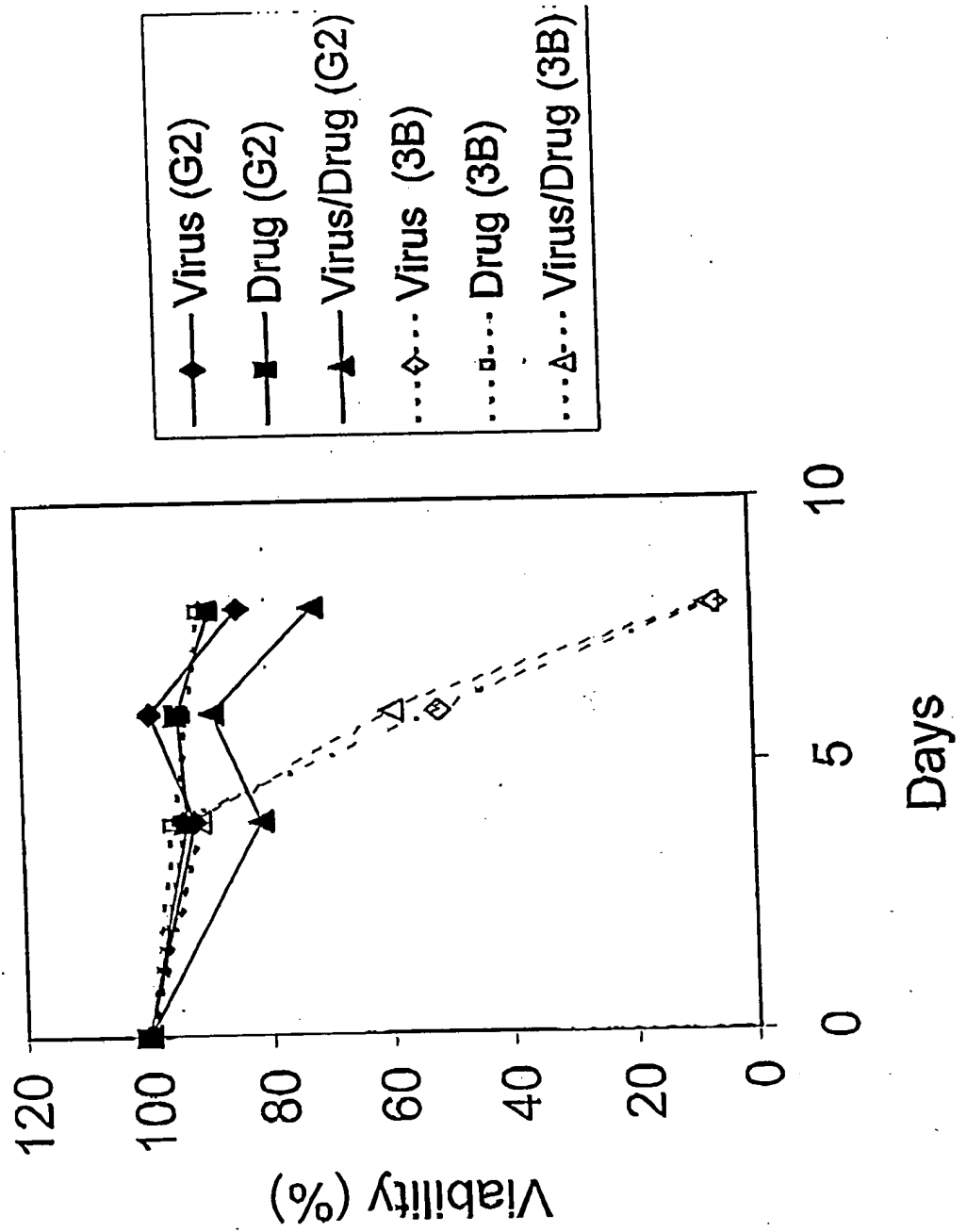
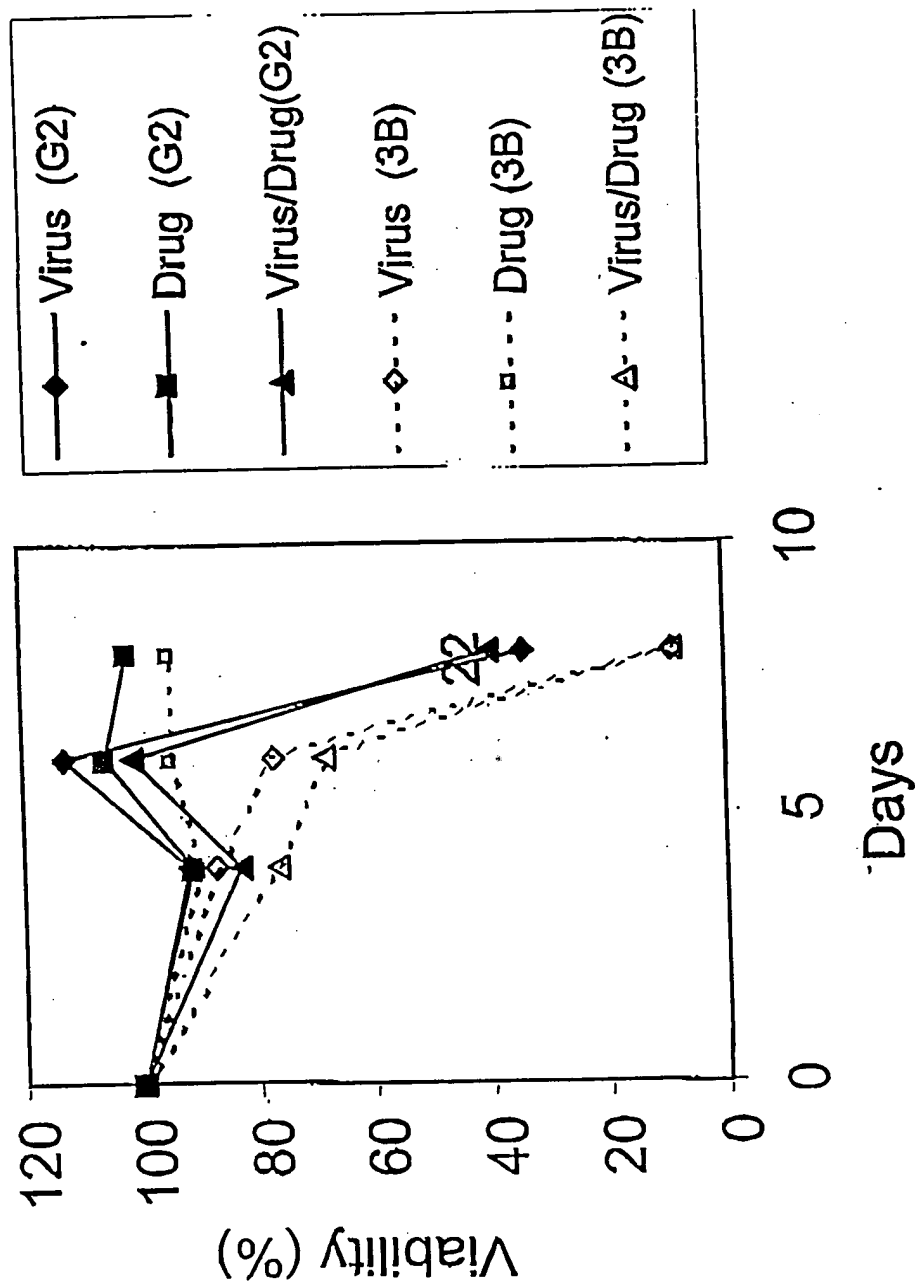
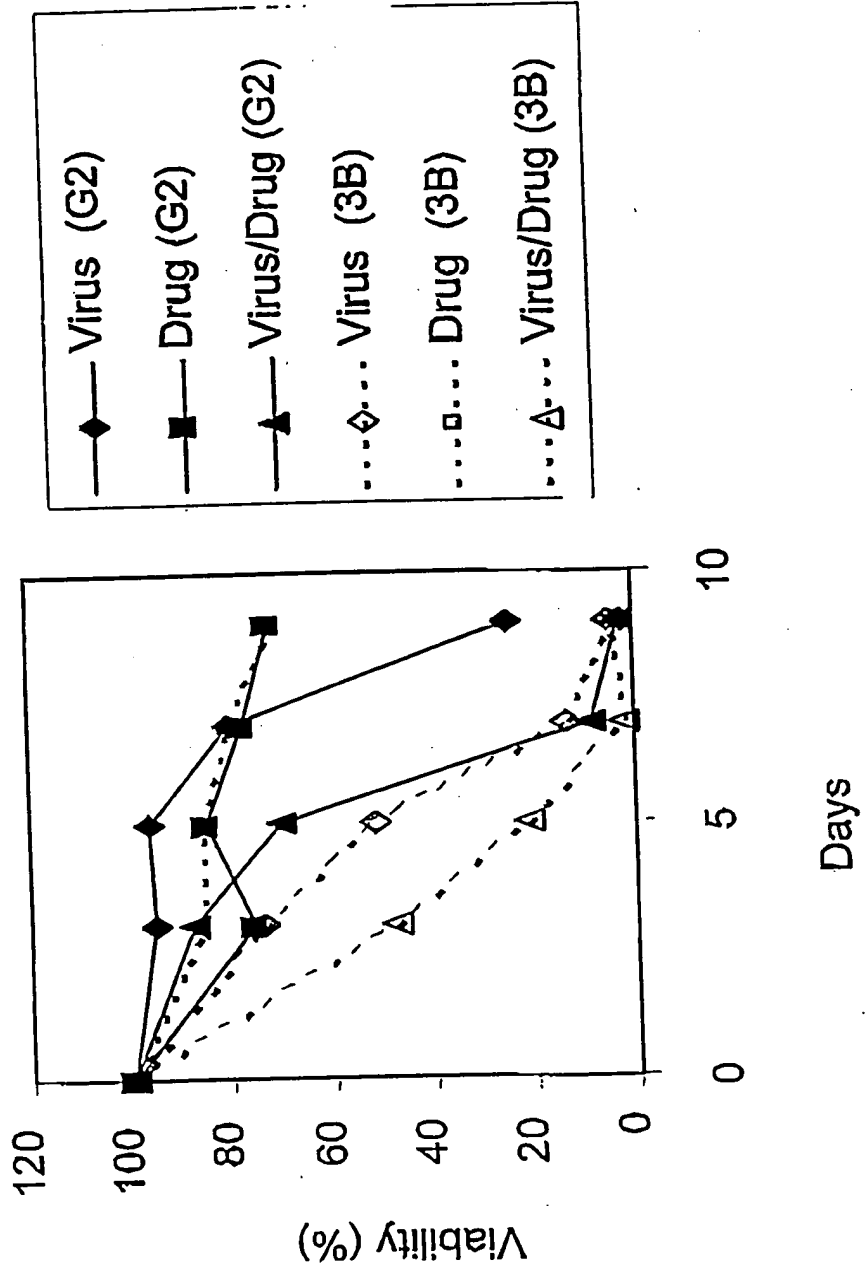


FIG. 20

CV790 0.1moi/5-FU 10ng/ml

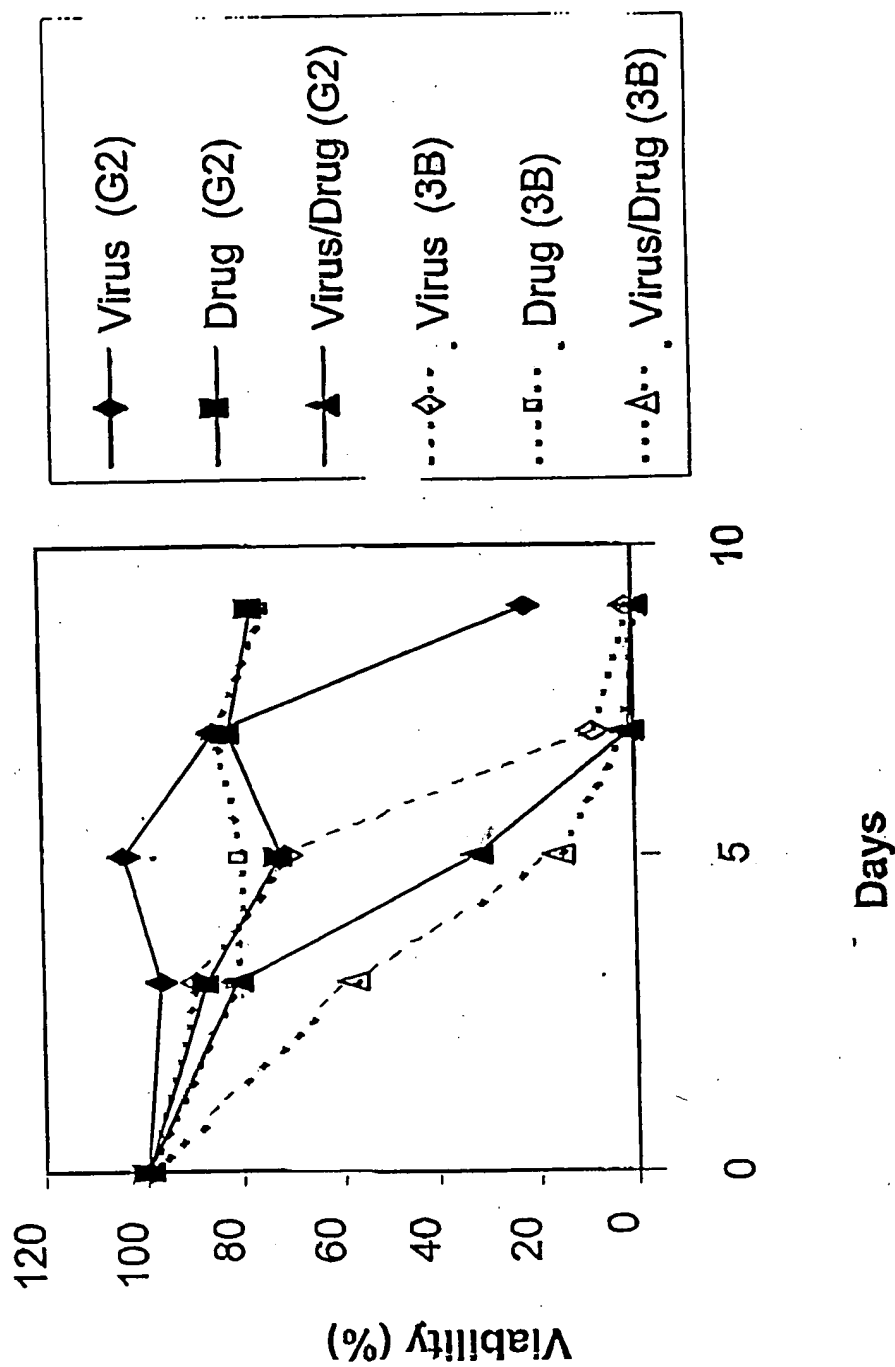


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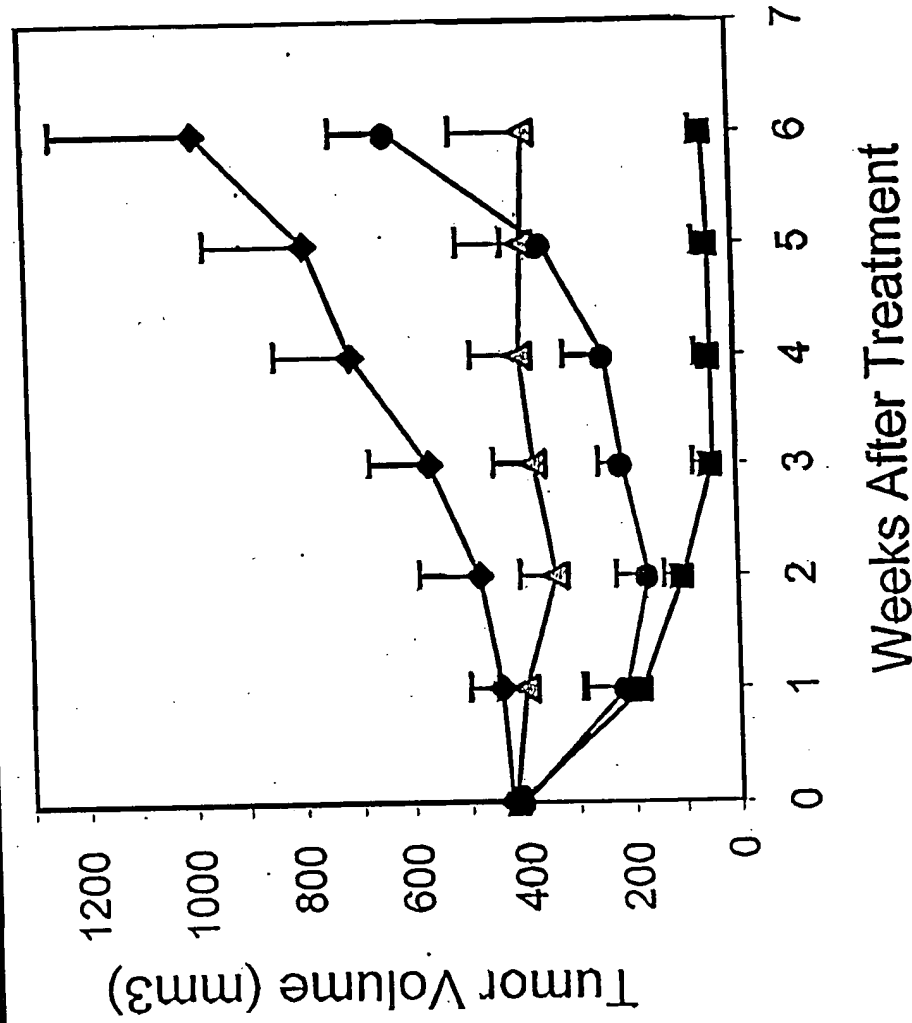
**FIG. 22**

CV790 0.1moi/Mitomycin C 10ng/ml





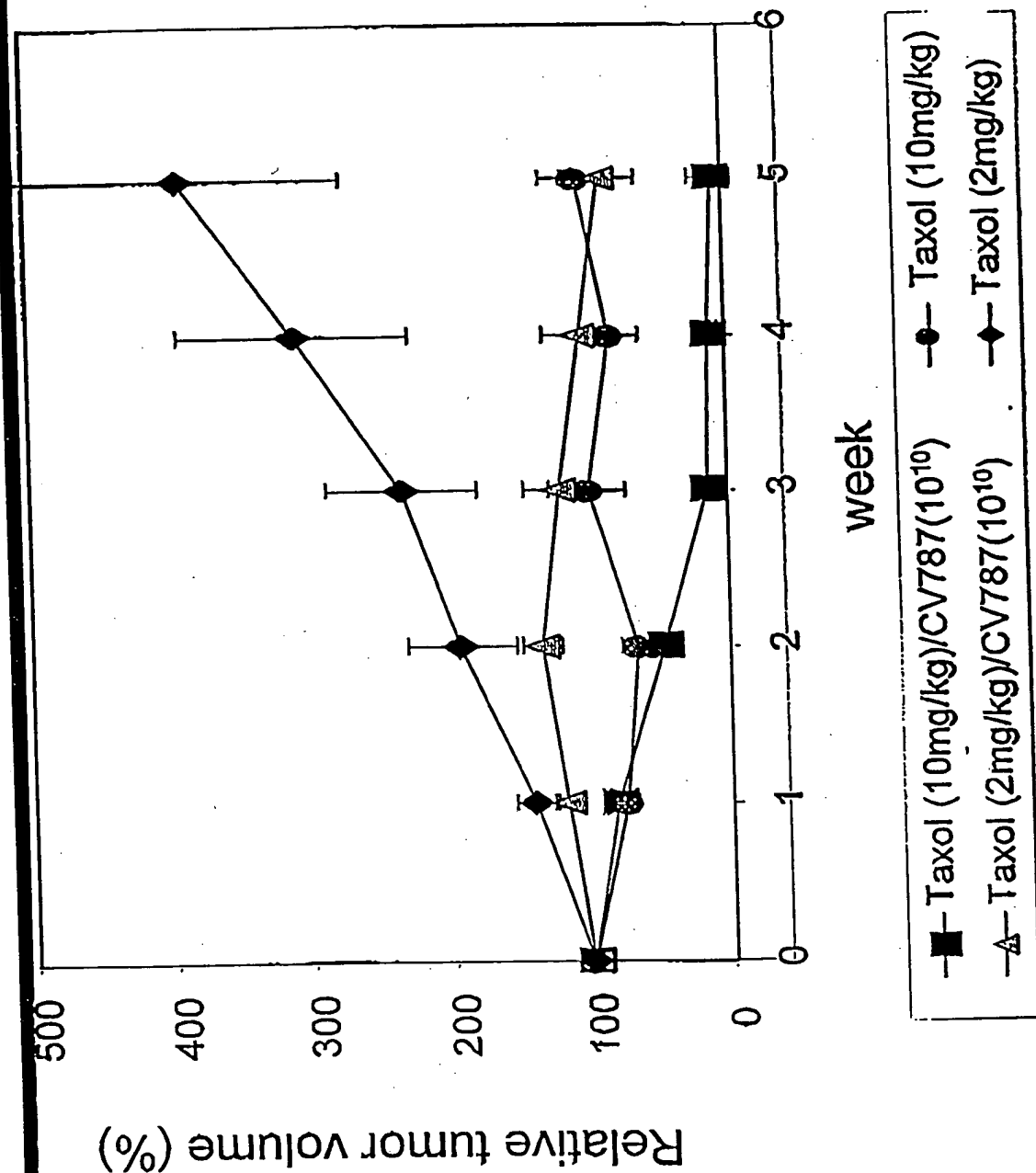
# Tumor Volume of LNCaP Xenograft Treated with CV787 and Taxol



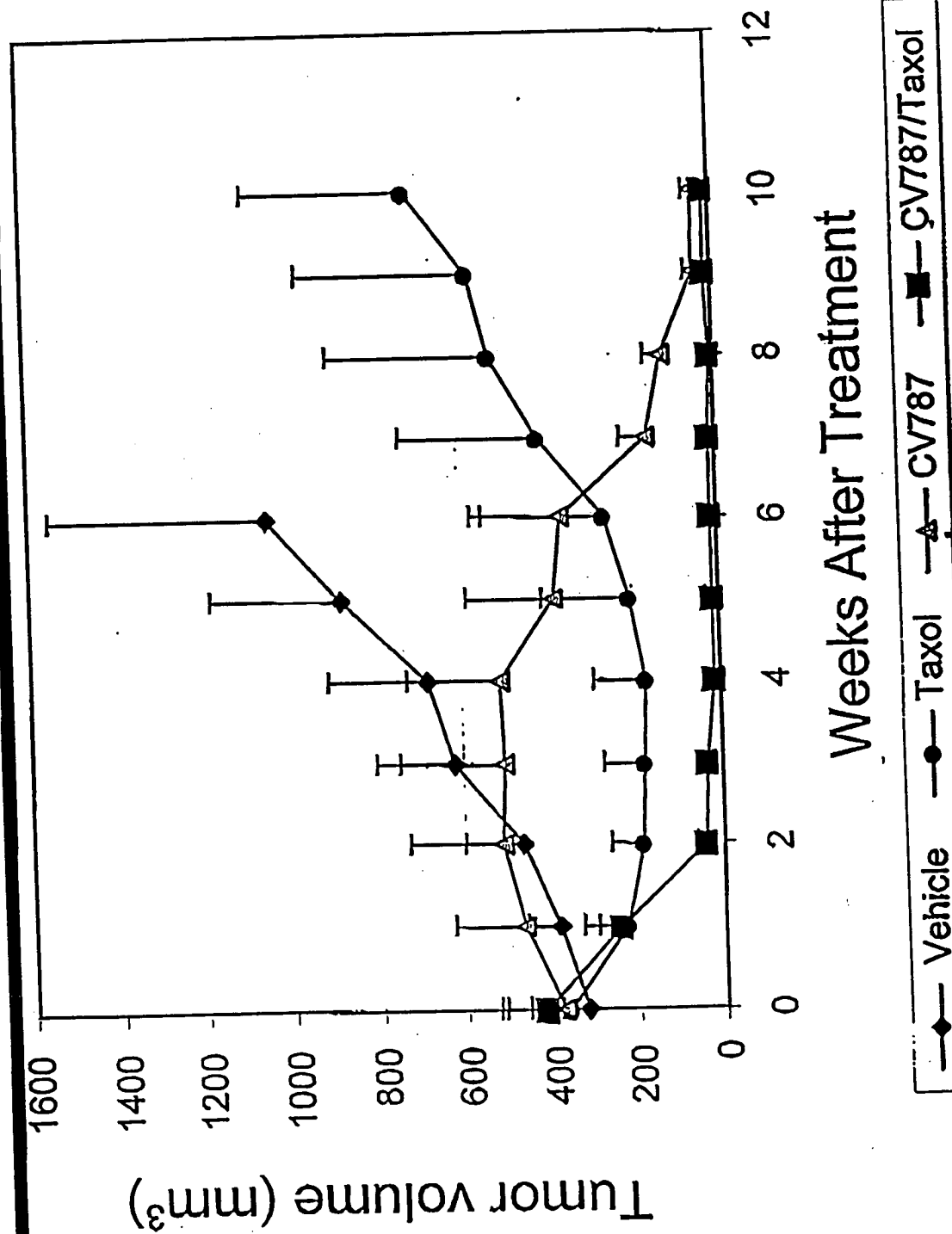
—◆— Control —△— CV787,  $10^7$  p/mm³ —●— Taxol, 15 mg/kg —■— CV787/Taxol

FIG. 24

# Tumor Volume of LNCaP Xenograft



# Tumor Volume of LNCaP Xenograft Treated with CV787 and Taxol



# Tumor Volume of LNCaP Xenograft Treated with CV787 and Mitoxantrone

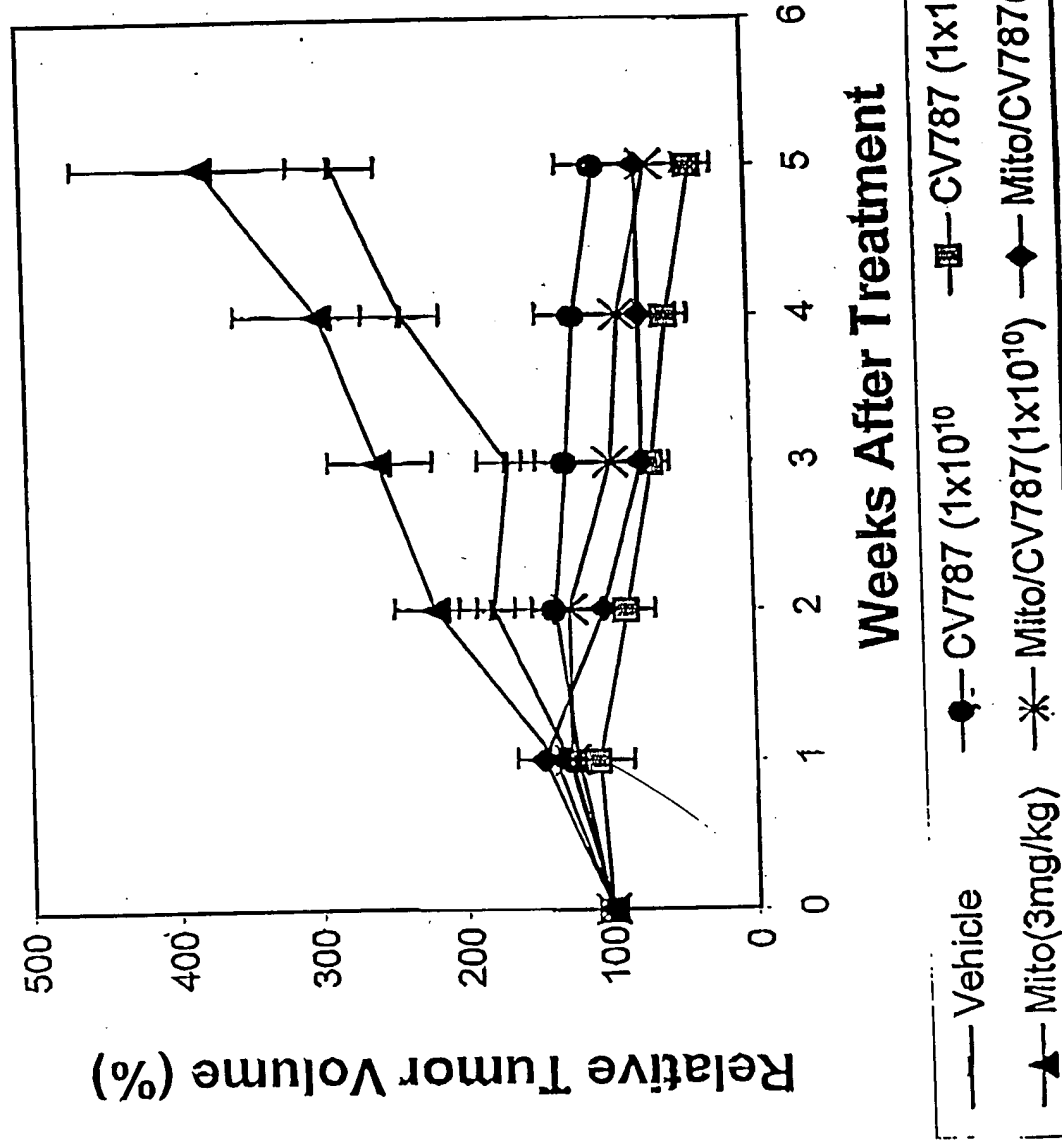
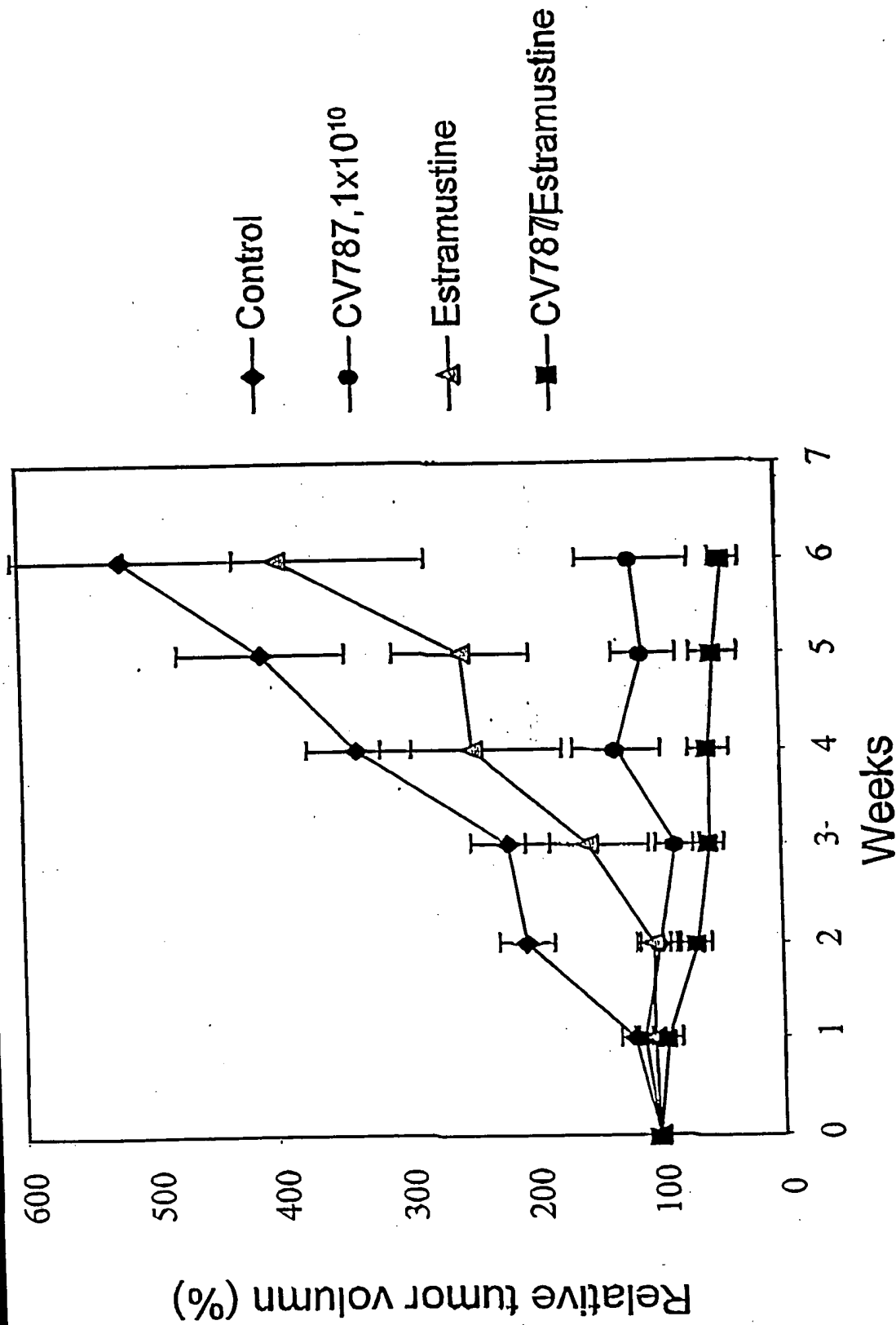
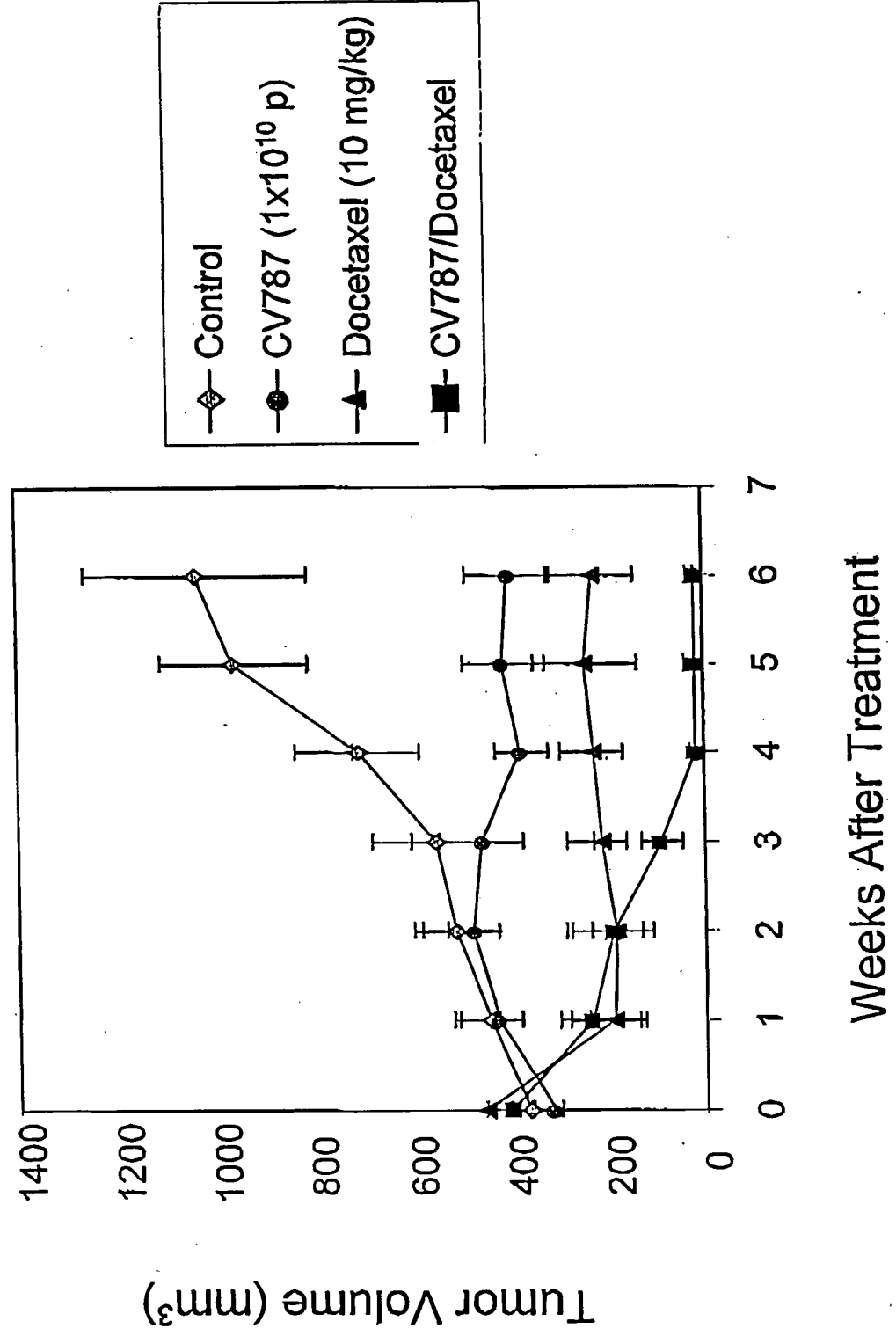


FIG. 27

# Tumor Volume of LNCaP Xenografts Treated with CV787 and Estramustine



# LNCaP Xenograft Treated with CV787 and Docetaxel



# LNCaP Xenograft Treated with CV787 and Docetaxel

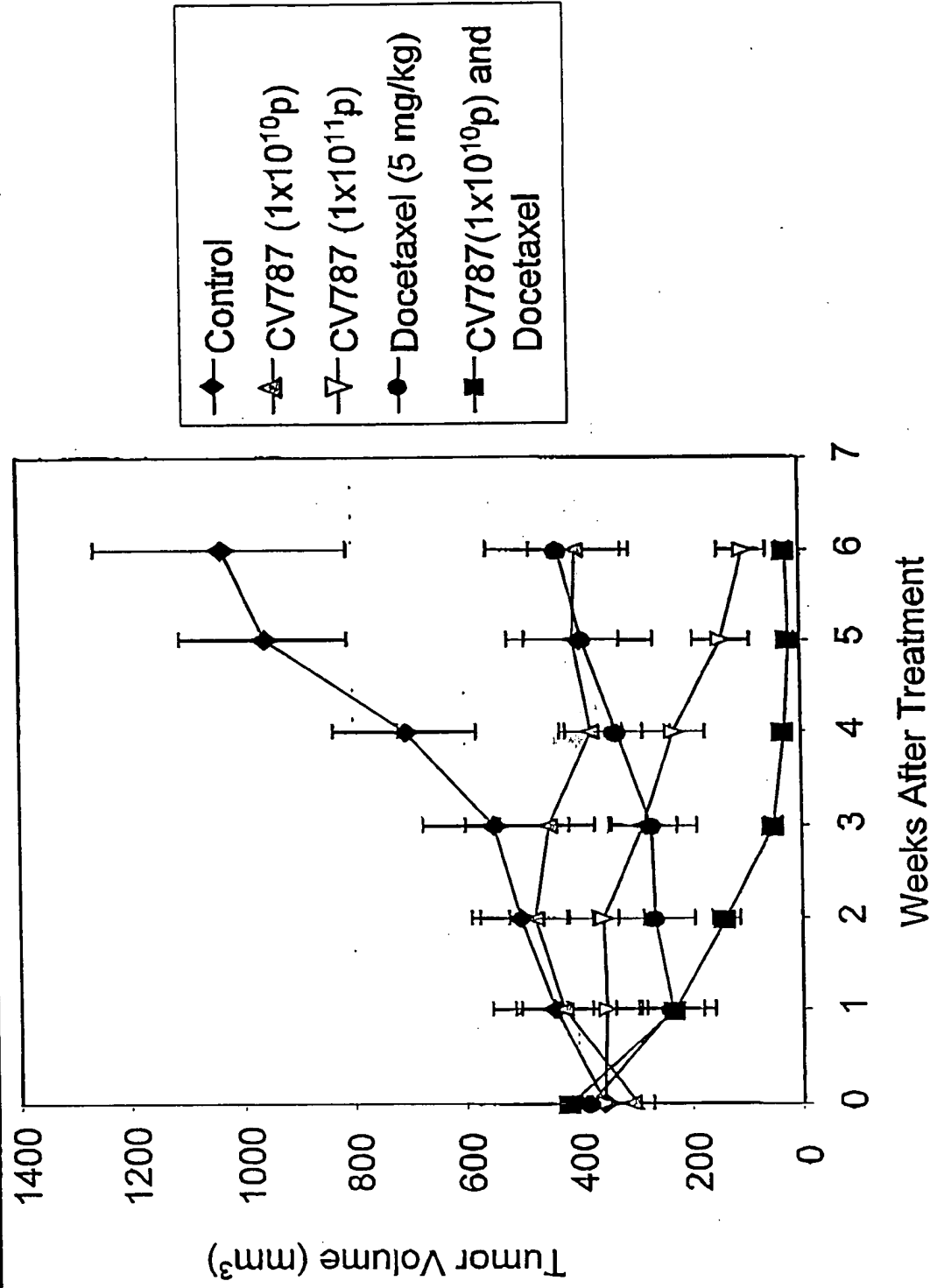


FIG. 30

# Tumor Volume of Hep3B Treated with CV790 and Doxorubicin

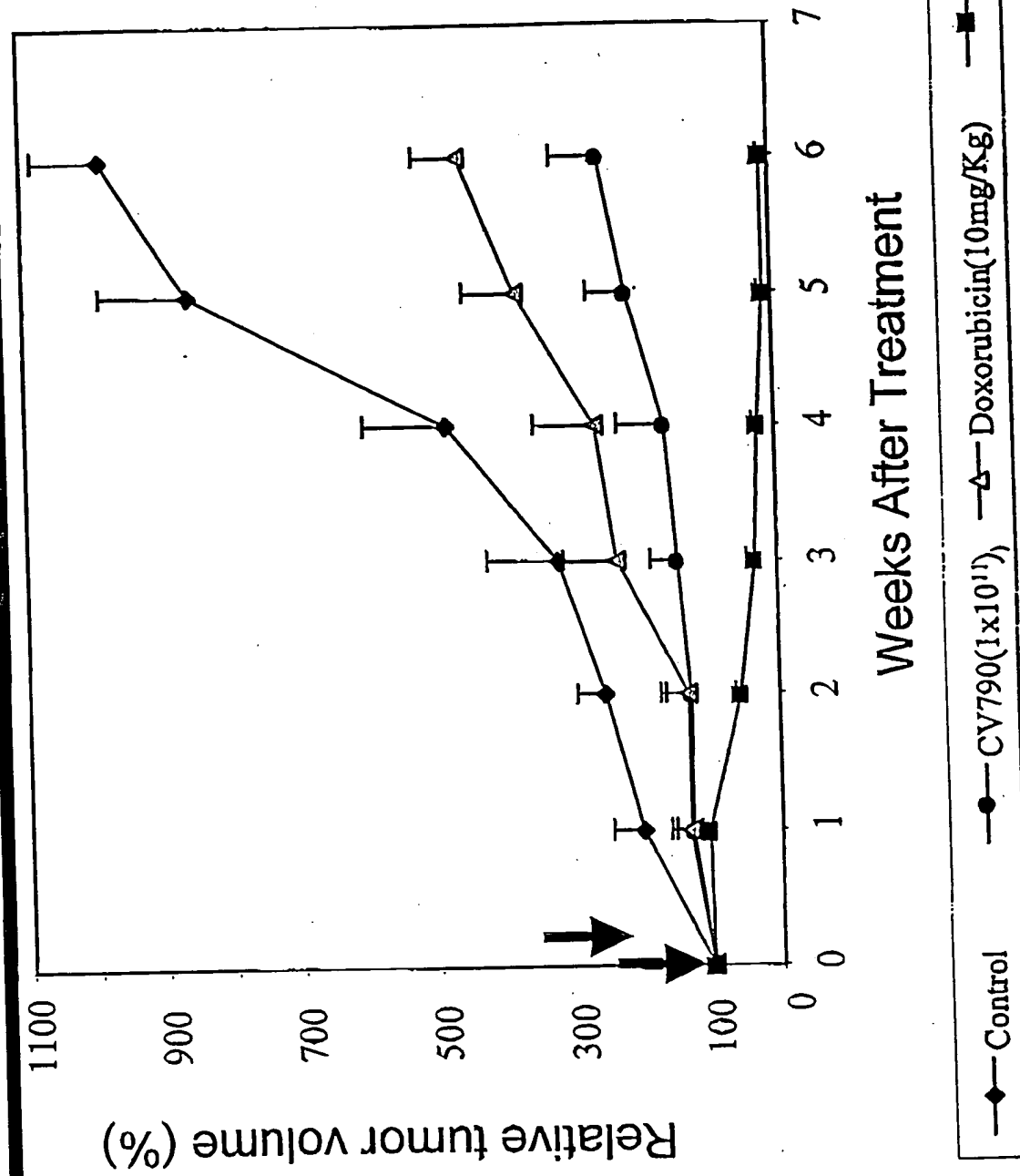
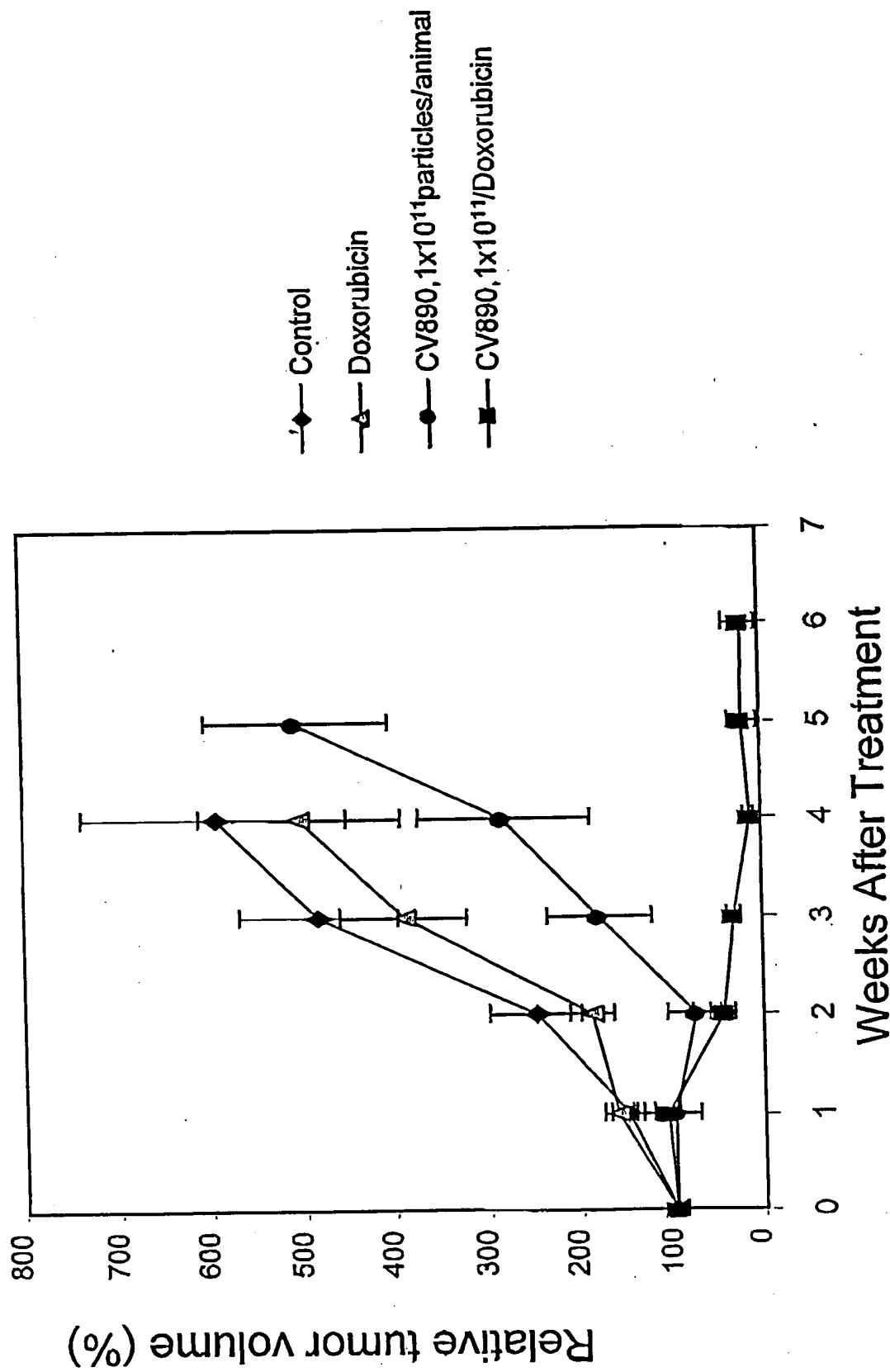




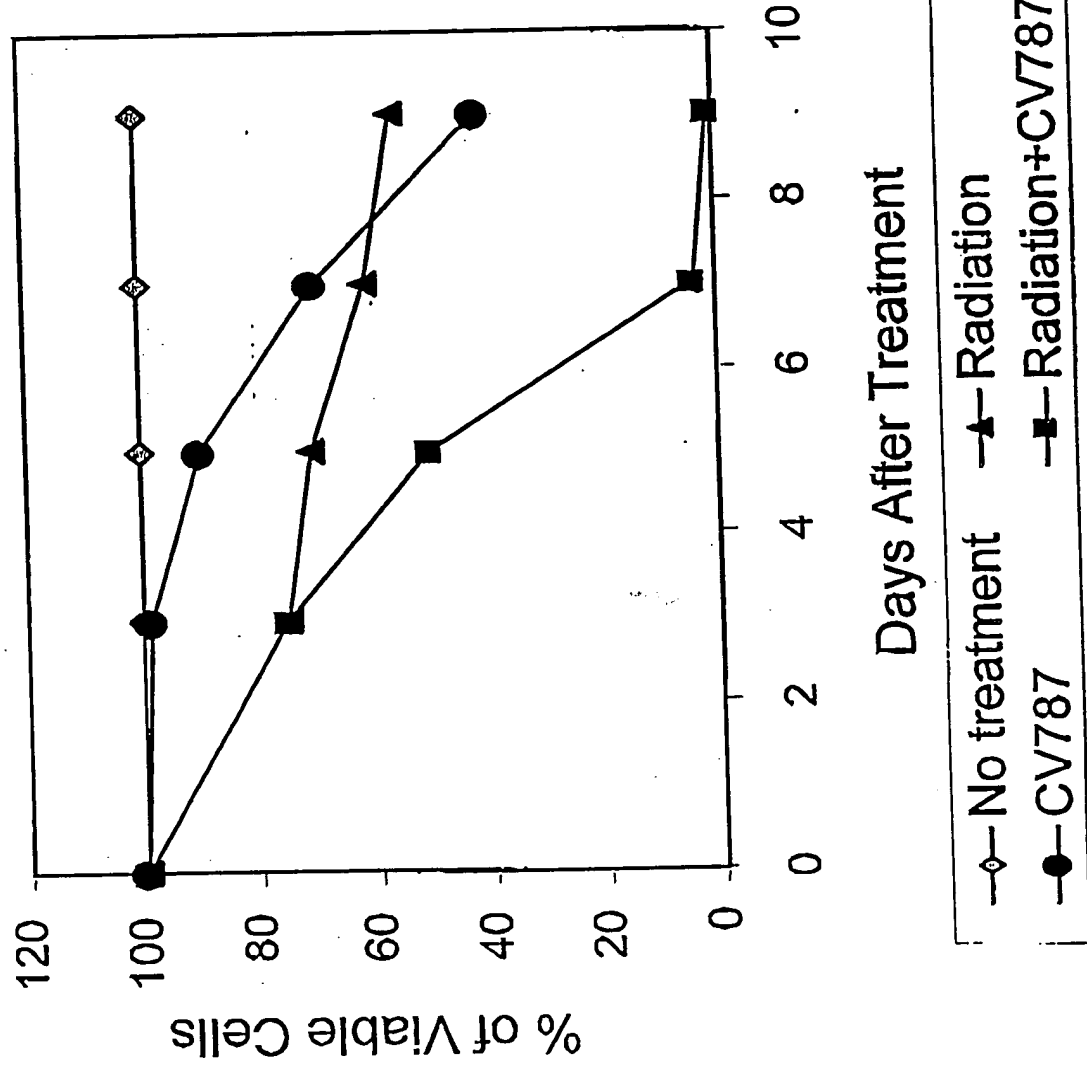
FIG. 31

# Tumor Volume of Hep3B Xenograft Treated with CV890 and Doxorubicin



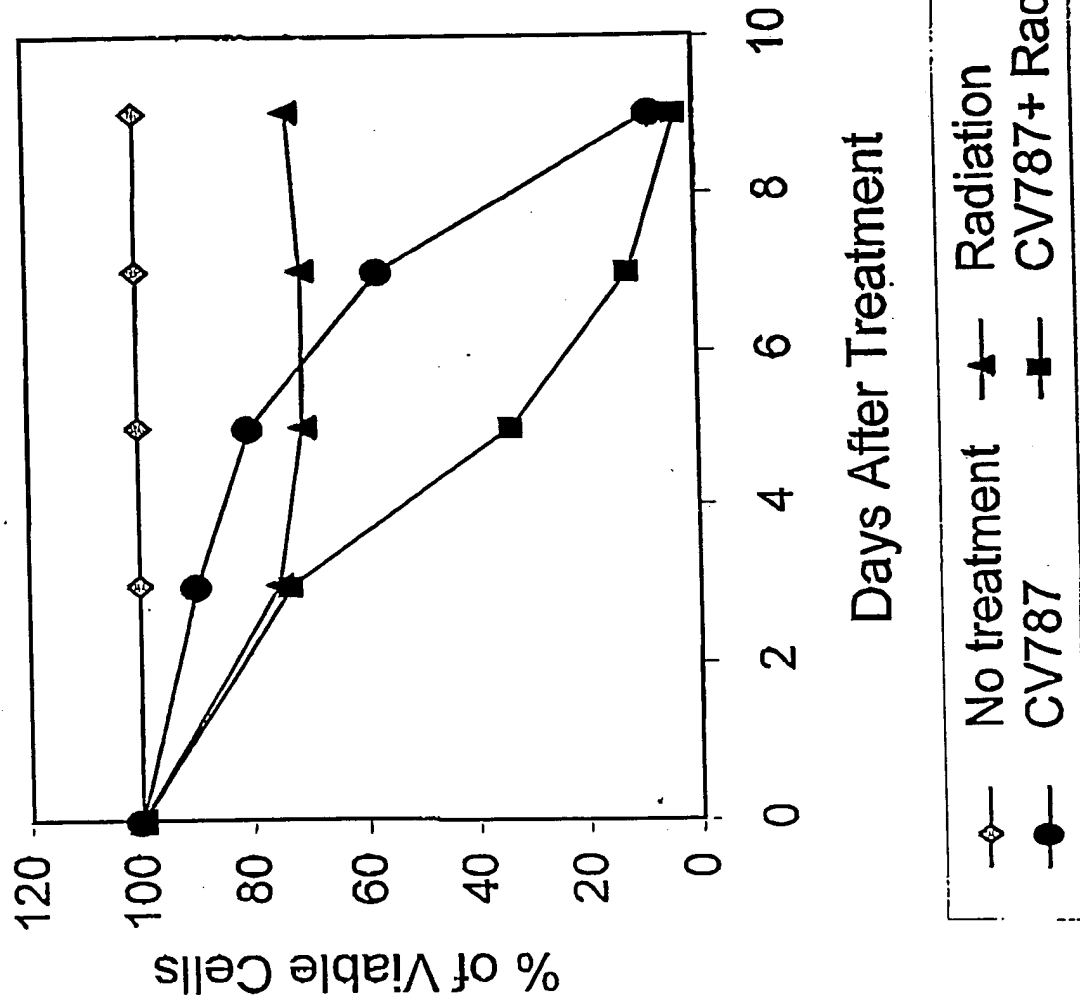
# Cell Viability

Radiation (6Gy) + CV787(moi=0.1)



# Cell Viability

CV787(moi=0.1) + Radiation (6Gy)



# Virus Yield

CV787(moi=0.1) + Radiation (6Gy)

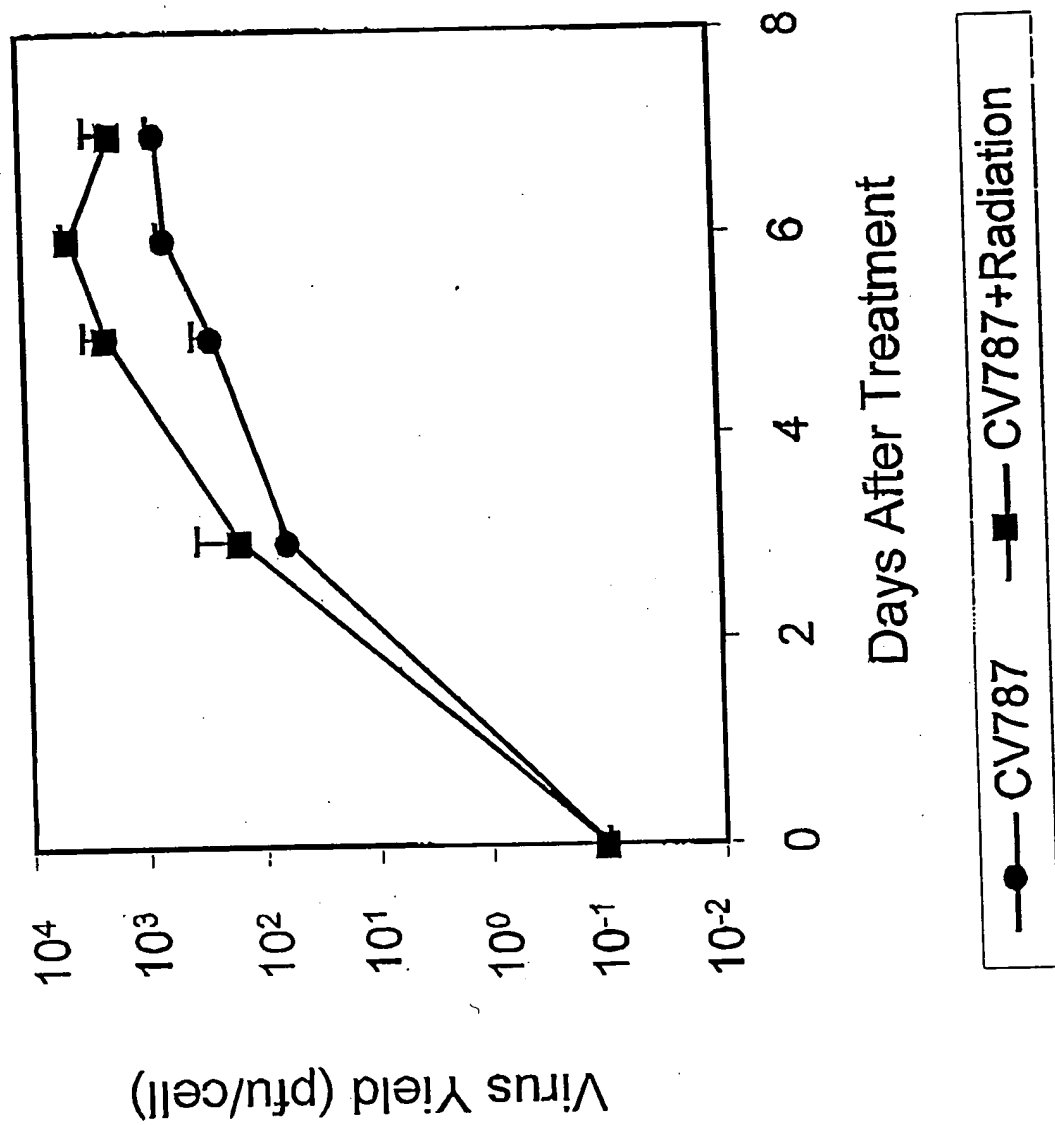


FIG. 35

## Virus Yield

Radiation (6Gy) + CV787(moi=0.1)

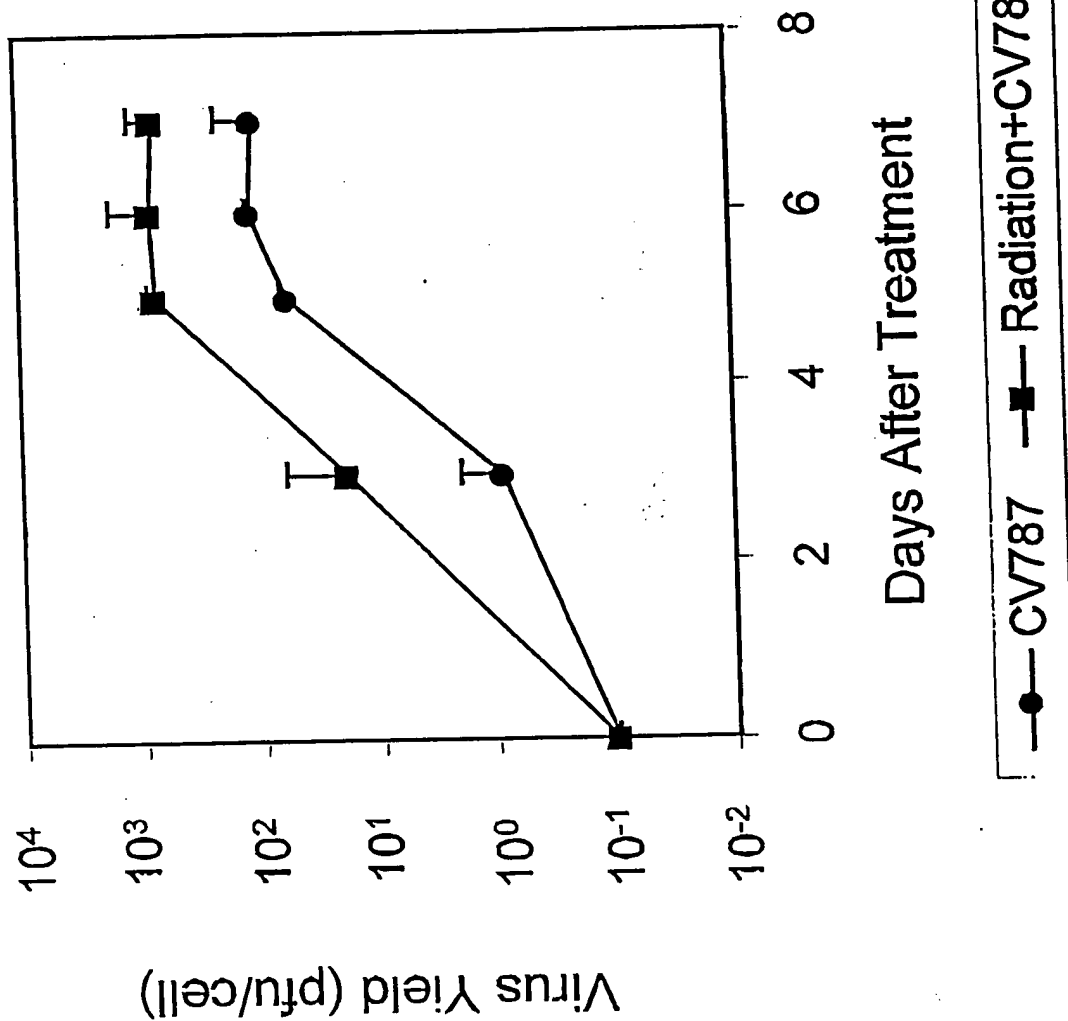
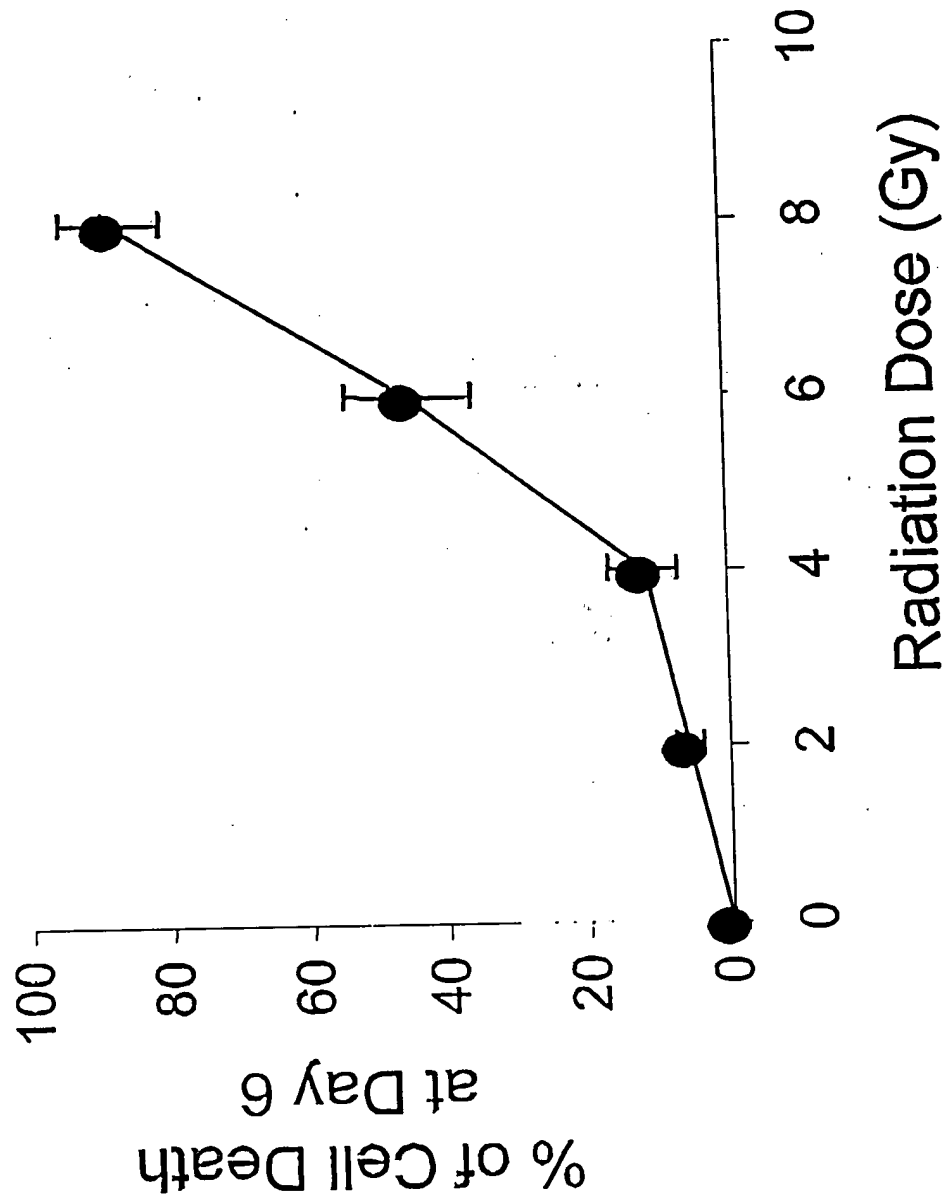


FIG. 36

**Dose Response**  
LNCaP Treated with CV787 (0.01), then Radiation



[illegible]

46

1

5

10

15

94

20

25

30

142

35

40

45

190

50

55

60

238

65

70

75

286

80

85

90

95

307

100

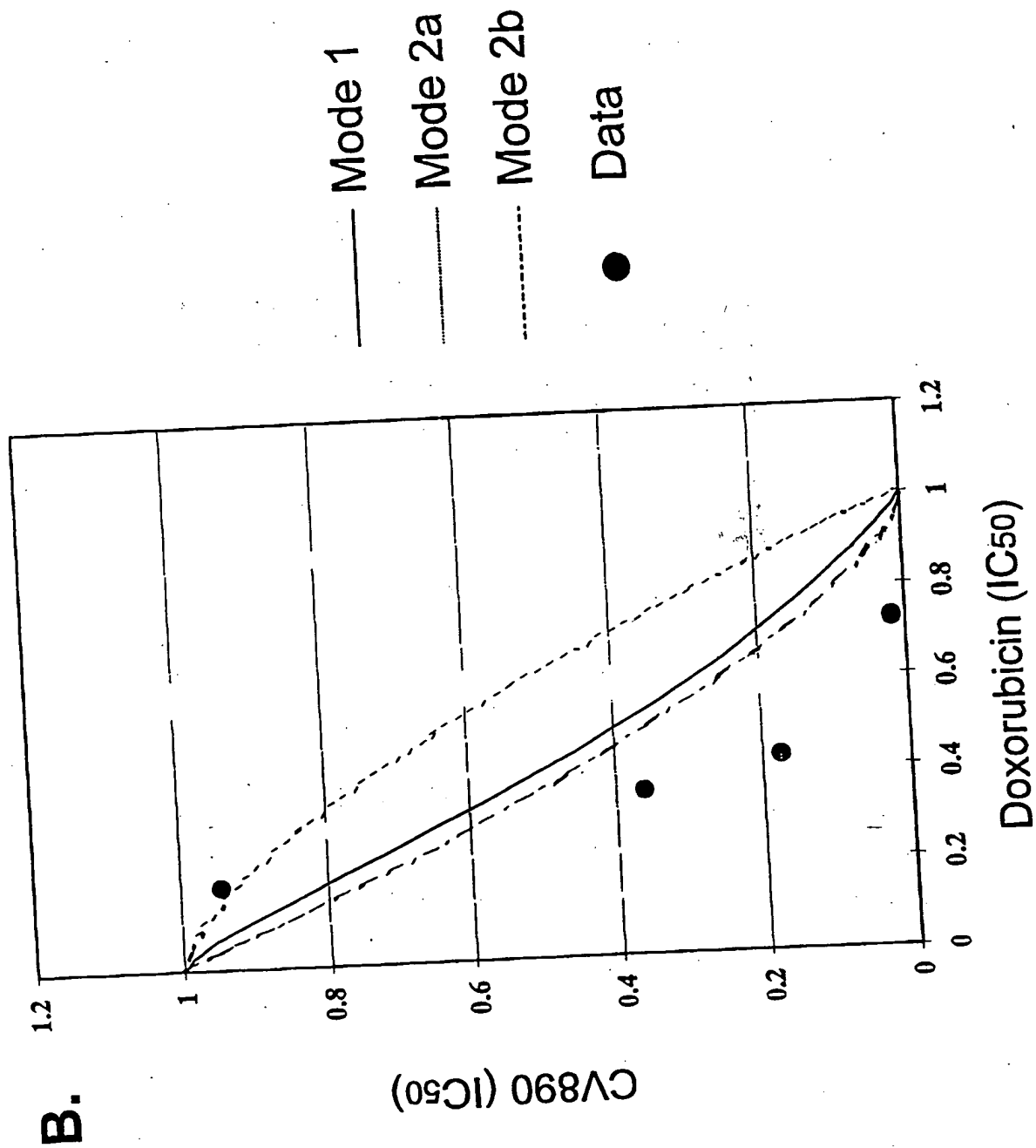
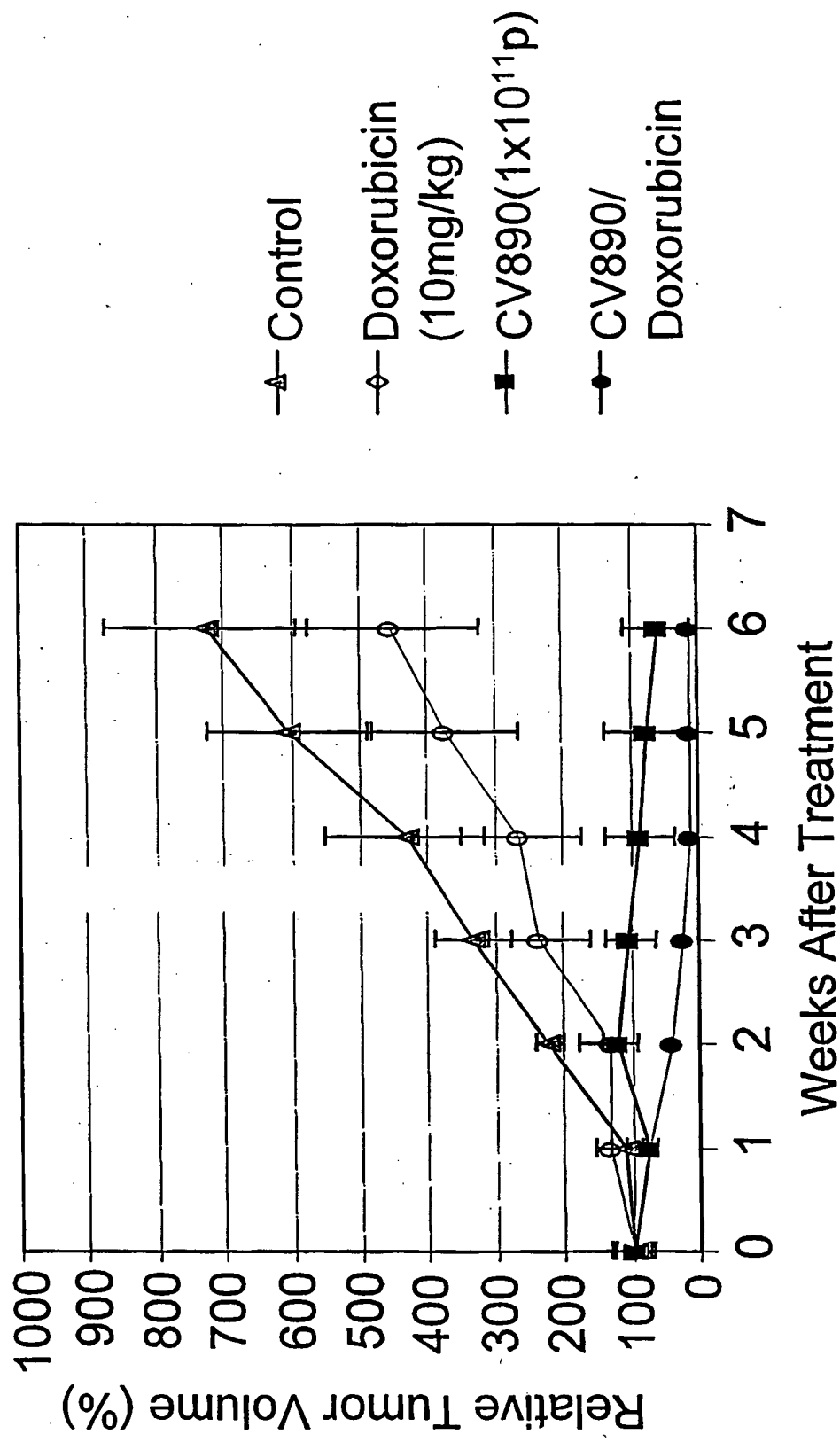
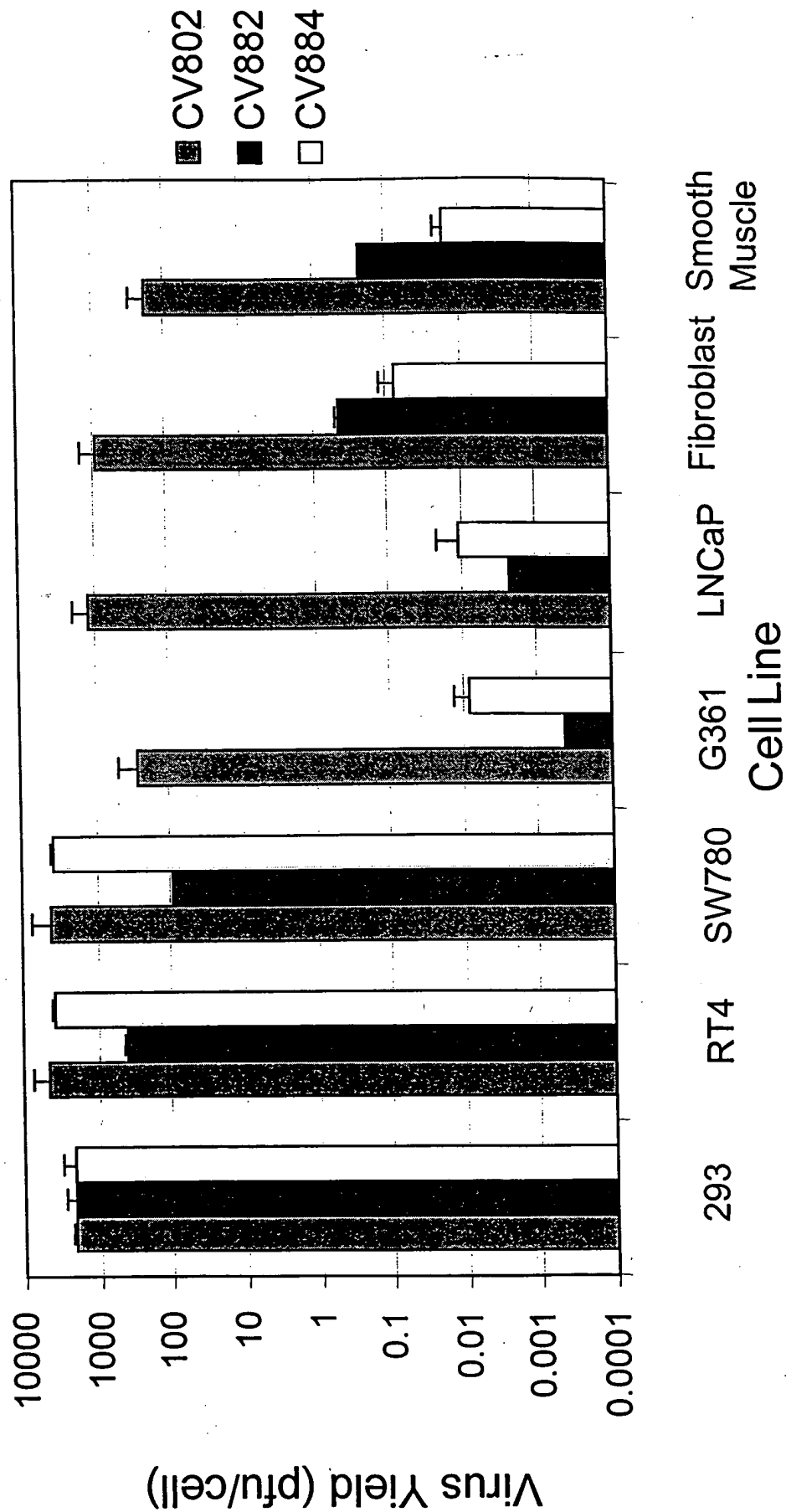




FIG. 39



# Virus Yield of CV884



# Structure of CV876, CV882 and CV884

